

# THE SONG-GARDEN:

A SERIES OF SCHOOL MUSIC BOOKS, PROGRESSIVELY ARRANGED.

EACH BOOK COMPLETE IN ITSELF.

THIRD BOOK.

BY LOWELL MASON,

PUBLISHED BY

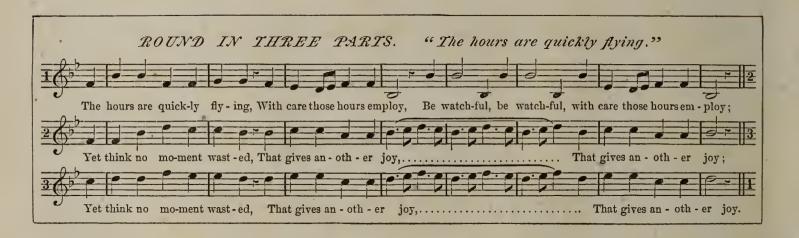
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PREFACE.

THE SONG-GARDEN is designed to furnish a series of music books for schools and families, progressively arranged. It comprises three books, each of which is complete in itself, and may be used separately. The First Book contains simple, easy, and beautiful songs, with elementary exercises for children or beginners. The Second Book contains songs of a more advanced grade, with the elements of music and its notation more fully set forth. The Elementary Department is divided into the Theoretical and the Practical. In the former, matters of fact are stated in a preceptive form, and with careful attention to accuracy of expression and definition. In the latter the pupil is gradually led along through such difficulties, in various keys, as ordinarily occur in part music, so that if one becomes thoroughly and practically acquainted with it, he will be prepared to join in the glees and choruses of the best writers. A large selection of songs concludes the work.

In this Third Book will be found, first, a careful recapitulation of the principles of music in an interrogatory form, designed as a thorough review of the instructions contained in Part Second. Answers to the questions have only been given where it was thought, that from the frequent errors in definition found in many books of musical instruction, the learner might be in doubt or in error. This catechetical department is followed by a Table, intended as an Index to Transposition, in which the pitch of tones is indicated by letters, and the relation of tones by figures; together with an explanation of the manner of using the same. The Table is succeeded by an essay on Vocal Culture, containing hints on some of the more important points in the training of the voice; and this is followed by illustrative musical examples, consisting of lessons or exercises, both vocalizing and syllabic for its more complete development. To these are added short pieces of figural and fughetto character designed to aid in the acquisition of independence in reading music and part-singing, an achievement in musical education not always attained in any great perfection. The whole introductory part of the work has been prepared with no little care, and it is hoped that it will be found acceptable and useful as well to those who are engaged in private teaching, as to teachers of classes of the higher grade in Academies, Seminaries, and Collegiate Institutes. While it will be found peculiarly adapted to classes of females in young ladies' seminaries, it is believed that by the arrangement of its harmony parts, it is also well fitted to schools of men's, or of mixed voices.

The Song Department is filled with pieces drawn from the contributions of those who have occupied very diverse fields of labor. But the Song-Gardens of Germany have received so long and so successful a culture as to be filled with flowers of most rare brilliancy and fragrance, so that having free access to very many of these beautiful grounds, with full freedom to cull, what musical florist could forbear to do so?

In this department of the book, therefore, will be found many charming school, home, and educational songs, both instructive and entertaining. Some have been published before, and have proved popular and useful, especially a few favorites often wanted in schools, as "Home, sweet home," "Auld lang Syne," etc., but for the most part they are new, at least so in an English garb. There is also variety, even from Handel down to Mendelssohn. Many of them have been arranged in three parts for equal voices, either male or female, and of these the base part may be sung by women's voices, or an octave lower by men's voices. In many songs which are written in four parts the Tenor may be omitted, and the harmony be complete in

three parts. It is certain that wherever the true fragrance of these flowers is received it must, in accordance with circumstances, afford delight.

The editor cannot close these remarks without expressing grateful acknowledgments to music teachers and others from whom he has received kindly assistance. He also acknowledges his indebtedness to the works of many distinguished teachers which have been consulted, but principally to those of Garcia, Panseron, and Panofka.

But he is especially indebted to the late Dr. Aug. A. Gould, of Boston, Mass., for furnishing, by his own hand, the drawing from which the plate showing the position of the more importan vocal organs, was engraved. Dr. Gould, also, kindly read the article on Vocal Culture, making such corrections as seemed to him desirable in those parts of the work relating to the physiology and anatomy of the vocal organs.

The editor closes these prefatory remarks by bearing his testimony, being the result of long experience and observation, to the great advantages of music, when under a proper conduct, in schools, in the family, in the social circle, in the exercises of public worship, and with proper adaptation, in all the various circumstances of life.

Note.—The breathing exercises, commencing at the fifth paragraph on page 28, were mostly received from a friend, without the knowledge that they had been taken from notes of the teachings of Mr-Lewis B. Munroe, the popular teacher of elecution in the Boston Schools. Mr. Munroe having kindly consented to make a few corrections in them, they now appear in an improved form.

#### BRIEF REVIEW

OF THE

#### ITS NOTATION. ELEMENTS OF MUSIC AND OF

#### INTERROGATORY MANNER. AFTER

#### CHAPTER I

#### INTRODUCTORY.

THE following questions and answers will readily be received by such persons as have had thorough elementary musical instruction, and will be found to express in a direct, simple and logical manner the facts of the subject; thus refreshing the memory, and helping to correct any previous misunderstanding, which may be found to exist in relation to them. To others they may present views perhaps new, in whole or in part, and which may require thought and reflection. Let such give to thought and reflection their proper exercise and influence, unobstructed by prejudice, preconceived opinions, associations or habits, and it is believed that ere long the truth will appear.

Throughout the examination here implied it should not be regarded as satisfactory evidence of a thorough knowledge of the subjects presented that correct answers in words are promptly given; but, in addition to this there should also be manifested, as an essential requisite, an ability to do, by the immediate production, independently of instrumental or foreign aid, of tones in such relations as to afford suitable practical illustrations of the theoretical facts advanced; or by a quick tonal response to the lead of the questions, viva voce; thus exemplifying the reality of the things named, defined or described.

For a more preceptive and explanatory form of instruction, see Song-GARDEN, Part II.: Theoretical Department.

1. How many distinctions or differences exist in the essential nature of musical sounds or tones?

 What is the first?—They are long or short.
 What is the second?—They are low or high. 4. What is the third ?- They are soft or loud.

5. How many properties or conditions are consequently necessary to the existence of a tone?

6. What property or condition, as necessary to the existence of a tone, is consequent upon the first distinction named ?-Length.

7. What upon the second ?—Pitch.

8. What upon the third ?—Force.

- 9. How many departments, therefore, will be convenient in treating of music?
- 10. What is the department called which treats of the length of tones?—Rhythmics.
  - 11. What is the department called which treats of pitch ?—Melodics. 12. What is the department called which treats of force?—Dynamics.

Note.—Another characteristic of tones necessary, not to their existence, but to their power to afford pleasure is that of a good quality or timbre.

#### CHAPTER II.

#### RHYTHMICS.

13. By what names are tones distinguished in the department of Rhythmics?—By the name of a whole, or integer, together with those of such of its fractional parts as may be required; as, Whole, Half, Quarter, Eighth, Sixteenth, etc.

Nore.—Sometimes called Semibreve, Minim, Crotchet, Quaver, Semiquaver, etc.

14. What do these names indicate?—Comparative or relative duration or length,

15. May a tone be seen, or must it be heard?

16. What are those characters called by which the relative length of tones is represented to the eve?

17. How many kinds of notes are required?—As many as there are tone-lengths to represent.

18. From what are the notes named?—From the names of the tones

18. From what are the notes named?—From the names of the tone which they represent, viz.: Whole, Half, Quarter, etc.

19. May notes be heard, or must they be seen?

20. What is occasional silence called in music?—Resting.

21. What are the characters named which indicate silence?—Rests, as Whole, Half, Quarter, etc.

22. What character is that which adds to the significance of a note or

rest one-half of its length?—A dot, or point of addition.

23. By what character may three-fourths be added to the significance

of a note or rest? - Double dot, or double point of addition.

24. What character is used to indicate the diminution of the joint length of any three notes one-third, or to that of two without the character?—The figure 3, called a mark of diminution.

Note.—Other figures are sometimes used for a similar purpose, indicationg diminution of length in accordance with the figure employed, as 5, 6, 7, etc.

#### CHAPTER III.

#### MEASUREMENT OF TONES.

25. By what is the relative length of tones compared or measured?—By a division of time into equal portions.

26. What are such portions of time called?—Measures and parts of

measures.

27. By what may measures or parts of measures be made manifest to

the ear?—By equal counting.

28. By what may they be manifested to the eye?—By equal motions, as of the hand or fore-arm.

#### KINDS OF MEASURE.

29. How many kinds of measure are there in common use ?—Four.

30. Upon what does the kind of measure depend?—The number of its parts.

31. If a measure has two parts, what is it called? - Double measure.

32. Which is the strong or accented part in Double measure.

33. What figure is used as a sign of Double measure?—The figure two (2).

34. If a measure has three parts, what is it called? 35. Which is the accented part in Triple measure?

36. What is the sign of Triple measure?—The figure three (3).

37. If a measure has four parts, what is it called?

38. Which parts are accented?

39. By what figure designated?—By the figure four (4).

40. If a measure has six parts, what is it called?

41. Which parts are accented?

42. How designated?—By the figure six (6).

#### VARIETIES OF MEASURE.

43. How many varieties may there be in each kind of measure?—As many as there are kinds of notes.

44. What determines variety of measure?—The kind of note used on each part of the measure.

45. What determines the kind of measure?—The number of its parts.

46. What are used as signs of variety of measure?—Figures, repre-

senting comparative tone-length; as, 2, 4, 8, etc.

47. When figures are used to designate both the kind and the variety of measure, in what form are they written?—In the same form as when used to represent fractions.

48. What is indicated by the numerator?—The kind of measure.

49. What is indicated by the denominator?—The variety of measure.

50. How are written measures (signs or notations of measures) indicated?—By vertical lines, called Bars.

51. What is the use of bars?—They mark the boundaries of written

measures.

52. What sign is used to show the end of a strain, or linc of poetry, or close of a piece of music?—A Double Bar or a Close.

#### SYNCOPE.

- 53. When a tonc commences on an unaccented part of a measure and is continued on an accented part of a measure, thereby changing the accent, what is such a change or tone called?—A Syncope, or syncopated tone.
- 54. Is it comparatively easy or difficult to sing syncopated tones or passages?—Difficult.

55. Does it require much or but little practice?—Much practice.

56. Are syncopated tones or passages generally well or not well performed?—Not well.

#### CHAPTER IV.

#### MELODICS.—THE SCALE—INTERVALS—STAFF.

57. What is that department called which treats of the pitch of tones?

58. What is that series of tones, in which they are disposed or arranged with reference to the relation of pitch, called?

59. From whence is this name derived?—From the Italian Scala.

meaning a ladder.

60. How many tones constitute the scale?

61. How are the scale tones named?—From the names of numbers; as, one, two, three, four five, six, seven and eight,

62. In what consists the difference between the scale tones?

63. What is the difference of pitch between two tones called?
64. What is an interval?—The difference of pitch between two tones.

65. How many tones must be heard in order to make manifest or

give an idea of an interval?

66. How many intervals are there in the regularly progressive scale?

67. Are the scale intervals alike, or do they differ?

68. How many kinds of intervals are there in the scale?—Two.

69. In what do they differ ?—In magnitude.

70. How many of the larger intervals are there in the scale?

71. How many of the smaller?

72. What are the larger scale intervals called ?—Steps.

73. What are the smaller scale intervals called?—Half-steps.

#### SYLLABLES.

74. What syllables in singing are usually applied to the scale tones?—Do, Re, Mi, Fa, Sol, La, Si, Do.

75. In what order are the syllables applied to the scale?—Do to One, Re to Two, Me to Three, Fa to Four, Sol to Five, La to Six, Si to Seven,

Do to Eight.

76. Of what use are syllables in learning to sing?—They familiarize relative pitch, and thus lead to the practical knowledge of intervals,

Note.—The principle is that of mental association; after a little practice each syllable becomes so strongly associated with the pitch of the tone to which it is applied, as to recall it or bring it up quickly to the mind, and thus the pupil is enabled to produce the tone with ease and accuracy. This use of the syllables has been peculiar to England and America, though it has been introduced in Germany, where the one syllable, La, principally prevails. In Italy and in France the same syllables are used for a very different purpose, or for the same purpose for which letters are used in Germany, England and America, viz.: to indicate absolute pitch. But this is utterly destructive of that for which they were originally intended

by Guido Aretino, who first made use of them in the eleventh century. He applied them not to designate absolute but relative or scale pitch, as Ut to the tone One. Re to the tone Two. Mi to Three, etc., in wbatever key the music may be written. This is the only way in wbich they can be applied so as to be useful in class-teaching; but in this, their proper use after the manner of Guido, they may afford essential help to the pupil in taking the tones, whatever may be the interval, independently of instrumental aid. The use of the syllables in singing is called solfiting, or singing by solfit, or solmization. Singing to single syllable or open yowel is called nocalizing. The word Scala (Italian for scale) has long been in use for vocalizing purposes.

#### THE STAFF

77. By what character is relative pitch, or the scale indicated?—By the Staff.

78. Of what may the staff be regarded as an emblem, sign, or pic-

ture ?-Of the scale.

79. What constitutes the character called the staff?—Five parallel horizontal lines with their intermediate spaces.

80. What is each line and each space of the staff called?—A degree.

81. How many degrees are there in the staff?

82. If more than nine degrees are wanted, how can they be supplied?

83. If the first line of the staff be supposed to represent the tone One.

by what degree will Two be represented?

84. Is each tone of the scale necessarily represented by some one partular degree of the staff, or may any degree be taken to represent either of the tones of the scale?

85. By what characters are the different degrees of the staff made to

represent particular tones?—Bu Notes.

86. By what characters is the order of succession of tones indicated ?—Bu Notes.

87. Are notes primarily melodic or rhythmic characters?—Rhythmic characters.

88. What do notes primarily represent? — The relative length of

tones. 89. What do notes indicate when used for a melodic purpose in con-

nection with the staff?—The order of succession of tones.

90. Does the staff represent any definite or absolute pitch, or relative pitch only?—Relative pitch only.

#### CHAPTER V

#### ABSOLUTE PITCH-MODEL SCALE-CLESS

91. What is that pitch called which is in itself independent of scalerelationship?—Absolute pitch.

92. From what is absolute pitch named?—From the name of letters.

93. What characters (signs) are used to designate absolute pitch?— Letters themselves, A, B, C, D, E, F, G.

94. Must the pitch of the scale be always the same, or may it be

changed, and any pitch be taken as One?

95. What is the name of that pitch which is taken as One in the first or model scale?

96. What are the component tones (absolute pitch) of the model scale.

or Scale of C?

97. In what way may the absolute pitch of tones be represented in connection with their scale-relationship?—By connecting the signs of absolute pitch with the staff.

98. Will this require that all the letters be written upon the staff, or

is a single one sufficient?—One is sufficient.

99. What is the letter called which is used for this purpose?—A Clef.

100. What is a Clef?—A letter applied to the staff to indicate absolute pitch.

101. What are the most common clef-letters?—F and G.

102. What other letter is sometimes used for a Clef?

103. The letter C is used both for Alto and Tenor voices.

104. Upon what degree of the staff is the F-clef usually placed?

105. Upon what degree of the staff is the G-clef usually placed?

106. In the use of the F-clef what degree of the staff will represent One?

107. In the use of the G-clef what degree of the staff will represent One?

#### CHAPTER VI.

#### SCALE EXTENDED.—CLASSIFICATION OF VOICES.

108. What is the order or classification of such tones as are higher in pitch than eight of the scale?—The same series of tones (or the scale) is repeated but at a higher pitch.

109. What is the order or classification of such tones as are lower in pitch than one of the scale?—The same series of tones (or the scale) is re-

peated but at a lower pitch.

110. Are the tones of the higher and the lower scales just alike, or do they in any respect differ?

111. In what do they differ?

112. In what respect are they alike ?—In their relations to each other.

113. What is the general compass of the human voice?—Three octaves. 114. At what pitch?—From the capital G to the twice marked small g.

115. By what signs or names may the different octaves be distinguished?—By different sized or marked letters.

116. What are the signs of the lowest octave of the vocal compass?—
The lowest three tones are noted by capitals, the remainder by small letters.

117. What are the signs of the middle octave?—The lowest three tones are noted by small letters, the remainder by once marked small letters,

118. What are the signs by which the highest octave is distinguished?—
The lowest three tones are noted by once marked small letters, the remainder by twice marked small letters.

#### ILLUSTRATION.\*

119. What is the most common distinction of pitch in the human voice?—That of men's voices and women's voices.

- 120. What is the usual compass of men's voices ?\*—About two octaves.
- 121. At what pitch ?—From capital G to once marked small g.

122. What are the lower voices of men called?

123. What is the average compass of Base voices?—From capital G to the once marked small c.

124. What are the higher voices of men called?

- 125. What is the average compass of Tenor voices?—From small c to once marked small g.
- 126. What is the average compass of women's voices?—About two octaves.
  - 127. At what pitch?—From small g to twice marked small g.

128. What are the lower voices of women called?

- 129. What is the average compass of Alto voices?—From small g to twice marked small c.
- 130. What are the higher voices of women called?—Treble or Soprano, 131. What is the average compass of the Treble voice?—From once marked small c to twice marked small g.

#### (DIGRESSION.)

132. What is the usual pitch of children's voices, both boys and girls?—The same as that of women's voices.

133. What is the usual compass of children's voices?—Very variable,

but less than that of adults.

134. May it be regarded as generally safe or dangerous to the vocal organs to attempt to extend the compass of children's voices by encouraging them to sing as high or as low as possible?—Dangerous.

<sup>\*</sup> For an illustration of the entire compass of tones appreciable by the human ear, consisting of about nine octaves, see Song Garden, Part II., Chapter VI.

<sup>\*</sup> The compass of the different classes of voices is only very generally described here. There are many voices whose compass is less, and others whose compass is greater than that here given. Both men's and women's voices are often classed more minutely, each being divided into three classes; as, men's voices into Base. Baritone and Tenor, and women's voices into Alto, Mezzo-soprano and Soprano; but for all the usual purposes of song the above is sufficient.

135. Is it safe or unsafe to encourage children or others to prolong a tone by holding their breath as long as possible?—Unsafe.

136. Should children be encouraged to sing as loud as possible, or in

a more gentle manner?—In a more gentle manner.

137. May children be taught to sing in a comparatively tasteful style, or is it necessary that they should be left to sing in a stiff, hard, coarse, unfeeling and repulsive manner?—Judge ye.

#### (RETURN TO THE SUBJECT.)

138. Which F is indicated by the F-clef?—Small f.

139. Which G is indicated by the G-clef?—The once marked small g.

140. For what voices is the F-clef mostly used?

141. When is the F-clef used for Tenor voices?—When the Tenor is written upon the same staff with the Base.

142. For what voices is the G-clef properly used?—Treble and Alto.

143. For what other voices is it sometimes used?—Tenor.

144. When the G-clef is used for men's voices (Tenor), which G is indicated by it?—The small g, being an octave lower than its legitimate use for women's voices.

#### CHAPTER VII.

#### INTERVALS.

145. What is an interval ?—The difference of pitch between two tones.

146. What is the sign of an interval?—The degrees of the staff by which its boundaries are indicated.

147. How many kinds of intervals are there in the regularly progressive scale?

148. By what names are the scale-intervals distinguished?—Steps and

Half-steps.

149. From whence do they derive these names?—From the word scale (scala), signifying a ladder; as this word is used as a name for the series of

tones so called, so the intervals also derive their names (steps) from the same finure.

150. What other intervals are there, occasioned by skipping, or deviating from the regular scale succession?—Seconds, Thirds, Fourths, Fifths. Sixths. Sevenths. Eighths or Octaves, etc.

Note.—Steps are intervals of the same magnitude as seconds, and the one term will be exchanged for the other, in part, as the student advances.

151. Are intervals reckoned from the higher to the lower, or from the lower to the higher of the tones between which they occur?

152. When two tones are precisely of the same pitch what are they

called ?—Unison.

153. What is the interval between any tone and that which is next above it in the regular scale series called ?—A Second.

154. How many kinds of seconds are there?—Two.

155. What are they called ?-Major (large) and Minor (small).\*

156. What is the interval between one and two?—Major second.

157. Between two and three ?- Major second.

158. Between three and four ?—Minor second.

159. Between four and five?—Major second.

160. Between five and six?—Major second.

161. Between six and seven?—Major second.

162. Between seven and eight ?-Minor second.

163. What is the difference between steps and half-steps, and Major and Minor seconds?—There is none, but in name.†

#### THIRDS.

164. What is the interval between one and three called ?—A Major third.

<sup>\*</sup> Corresponding to steps and half-steps.

<sup>†</sup> The terms steps and half-steps are more intelligible in first describing the scale intervals than those of Major and Minor seconds (which belong rather to the study of harmony), since they naturally arise out of the idea of the inusical scale or ladder; they are also at all times afterwards convenient in defining the magnitude of intervals. The scale-intervals are often called tones and half-tones, but the inconvenience of using the same names both for tones themselves and also for the difference of pitch between them is obvious.

- 165. Between two and four?—Minor third.
- 166. Between three and five ?-Minor third.
- 167. Between four and six?—Major third.
- 168. Between five and seven? Major third.
- 169. Between six and eight?-Minor third.
- 170. Between seven and nine (or two of the seale above)?—Minor third,
- 171. What is the magnitude of a Minor third ?—A step and a half-step.
- 172. What is the magnitude of a Major third?—Two steps.

#### FOURTHS.

- 173. What is the interval between one and four ealled?—A perfect fourth.
  - 174. What is the interval between two and five?—A perfect fourth.
  - 175. Between three and six?—A perfect fourth.
  - 176. Between four and seven?—A sharp fourth.
  - 177. Between five and eight?—A perfect fourth.
  - 178. Between six and nine?—A perfect fourth.
- 179. What is the magnitude of a perfect fourth?—Two steps and a half-step.
  - 180. What is the magnitude of a sharp fourth?—Three steps.

#### FIFTHS.

- 181. What is the interval between one and five ealled?—A perfect fifth.
  - 182. Between two and six ?—A perfect fifth.
  - 183. Between three and seven?—A perfect fifth.
  - 184. Between four and eight?—A perfect fifth.
  - 185. Between five and nine?—A perfect fifth.
  - 186. Between six and ten (three above)?—A perfect fifth.

    187. Between seven and eleven (four above)?—A flat fifth.
- 188. What is the magnitude of a perfect fifth?—Three steps and a half-step.
- 189. What is the magnitude of a flat fifth?—Two steps and two half-steps.

#### SIXTHS

- 190. What is the interval between one and six ealled ?—A Major sixth.
- 191. Between two and seven?—A Major sixth.
- 192. Between three and eight ?—A Minor sixth.
- 193. What is the magnitude of a Major sixth?—Four steps and a half-step.
- 194. What is the magnitude of a Minor sixth?—Three steps and two half-steps.

#### SEVENTHS.

- 195. What is the interval between one and seven called?—A sharp seventh,
  - 196. Between two and eight?—A flat seventh.
- 197. What is the magnitude of a sharp seventh?—Five steps and a half-step.
- 198. What is the magnitude of a flat seventh?—Four steps and two half-steps.

#### OCTAVE.

- 199. What is the interval between one and eight?—An octave.
- 200. What is the magnitude of an octave ?—Five steps and two half-steps.

#### CHAPTER VIII.

#### INTERMEDIATE TONES .- CHROMATIC SCALE.

- 201. Between what tones of the seale may intermediate tones occur or be readily distinguished?—Between all such tones as differ by the interval of a step.
- 202. Are these intermediate tones positively different from the seale-tones, or are they a modification by elevation or depression of them?—

  They are absolutely different tones.
  - 203.-In what do they differ from the seale tones?—In pitch.

204. Is it possible or impossible to change the pitch of a tone?

205. Which are those tones of the scale, differing by a step, between which intermediate tones may occur?—One and Two, Two and Three, Four and Five, Five and Six, Six and Seven.

206. What are the smallest intervals known in modern practical

music ?—Half-steps.

207. From what are intermediate tones named?—From either of the tones between which they occur.

208. When the intermediate tone between one and two is named

from the former of these, what is it called ?—Sharp-one.

209. What is the meaning of the word sharp when thus technically used?—Higher.

Note.—That is, sharp-one is the name of a tone which is higher than one.

210. When the intermediate tone between one and two is named from the latter of these, what is it called \(\chi = Flat-two\).

211. What is the meaning of the word flat when thus technically used?—Lower.

Note.—That is, Flat-two is the name of a tone which is lower than two.

212. Is it possible or impossible to sharp the tone one, that is, raise or elevate it in pitch?—Impossible.

213. Is it possible or impossible to flat the tone two, that is, to lower

or depress it in pitch ?—Impossible.

214. Is it possible or impossible to elevate or raise the pitch of any tone by a sharp, or to depress or lower the pitch of any tone by a flat?

215. Is it proper or improper, then, to speak of elevating or depressing

a tone?

216. Do the tones, named sharp-one and flat-two, differ in pitch, or are both practically the same pitch?—Both are practically the same pitch.

217. Why, then, are they called by different names?—Because they differ in their relation to other tones, or to the scale as based on different pitches, in which they appear as component parts.

Note.—The various keys, as will be seen in the chapters on Transposition, render a twofold representation or notation, and consequently a twofold nomenclature, often needful.

218. What is the name of C-sharp as related to the scale of C?—Sharp-one.

219. What is the pitch of sharp-one, if occurring in the scale of C?—

C-sharp.

220. What is the name of D-flat as related to the scale of C?—

221. What is the pitch of flat-two, if occurring in the scale of C?-

D-flat.

222. How are the tones named, flat or sharp (intermediate tones), noted or indicated by the staff?—By such a modification or change in the staff as may be required for that purpose.

223. By what character may the staff or any of its degrees be so modified as to indicate or represent a tone named sharp \(\begin{align\*}{l} -By a character \end{align\*}\)

called a sharp.

224. By what character may the staff or any of its degrees be so modified as to indicate or represent a tone named flat?—By a character called a flat.

225. What is the signification of the word sharp, as technically used

in music?

226. What is the signification of the word flat, as technically used in music?

227. How far does the significance of a sharp or flat (character) extend?—Through the written measure in which it occurs.

Note.—This usage is not universal; and the safest way is so to mark the degree of the staff, as that it shall, without any uncertainty, represent the tone required.

228. What character is used to terminate the significance of a sharp or a flat?—A Natural.

229. How many intermediate tones may be readily distinguished be-

tween the regular tones of the scale?

230. What is that scale called which consists of thirteen tones, including the eight scale tones and the five intermediate tones?—The Chromatic Scale.

231. How many intervals are there in the chromatic scale?—Twelve.

232. Are the intervals in the chromatic scale all practically alike, or do they differ?

233. What is their magnitude?—Half a step.

Note.—Besides the intervals to which reference has already been made, there are others, derived from the Chromatic scale, and variously named by different authors; as, Diminished, Augmented, Superfluens, Extreme, etc. But as they belong rather to the study of harmony than that of singing, any further noticing them is here omitted.

#### CHAPTER IX.

#### THE MINOR SCALE.

234. What is the model or C-scale, consisting of eight tones, called, to distinguish it from the chromatic scale?—The Diatonic Scale.

235. What other diatonic scale is there?—The Minor Scale.

236. In what respect does the minor scale differ in its structure from the model or major scale?—In the order of its intervals.

237. How many forms has the minor scale? -- Several, but principally

three.

238. What are they called?—Natural, Harmonic and Melodic,

239. What are the constituent tones in the natural model minor scale?—A, B, C, D, E, F, G.

240. What are the constituent tones of the model harmonic scale?-

 $A, B, C, D, E, F, G_{\pi}$ 

241. What are the constituent tones of the model melodic minor scale?—A, B, C, D, E, F#, G#.

242. When the melodic minor scale is used in ascending, what form is most commonly employed in descending?—The Natural.

243. When is the minor scale said to be parallel, or relative to the major scale?—When it is based upon, or commences with six of the major.

244. When is the major scale said to be parallel, or relative to the minor scale?—When it is based upon, or commences with three of the minor.

245. What is the parallel minor to C-major? 246. What is the parallel major to A-minor?

#### CHAPTER X.

#### TRANSPOSITION OF THE SCALE.

247. In what consists the transposition of the scale?—In the change of its nitch.

248. What is the pitch taken as one called?—The key.

249. In what key is the model scale?—In the key of C.

250. How many tones are required to constitute a key?—Seven.

251. What tones constitute the key of C?—C, D, E, F, G, A, and B. 252. What is the meaning of the word key when thus used?—The

relationship of the tones thus brought together, or figuratively, a tone-family. 253. In transposing the scale, is the relation or the pitch of the tones

253. In transposing the scale, is the relation or the pitch of the tone changed?

254. What must remain unchanged?—The relation of tones, or the order of intervals.

255. How may the order of the scale intervals, or the relation of its tones be preserved, if its pitch be changed?—By the disuse of such tones as may not be required, and the use of such intermediate tones, as may be necessary to constitute the new key.

256. How are the different keys noted or designated?—By sharps or

flats at the beginning of a piece of music.

257. What are such flats or sharps, at the beginning of a piece, called?—The signature.

258. What is indicated by the signature of any particular key?—The

component tones of that key.

259. What is the signature to the key of C?—The absence of all flats and sharps.

260. Why are neither flats nor sharps required in the signature of the key of C?—Because this, as the model scale, includes no intermediate tone; or, because it is constructed without any of the tones named flat or sharp.

261. What is the most natural order of transposition from any key?-

To that to which it is most nearly related?

262. What constitutes key relationship?—Tones in common.

263. Which are those keys which are nearest related?—Those which have all but one of their tones in common.

264. By what intervals must transposition proceed, so as to preserve

this nearest relation?—By fifths or by fourths.

#### TRANSPOSITION BY FIFTHS .-- C TO G.

265. What is the pitch of the model scale ?-C.

266. What is the pitch (in this key) of sharp-four.—F#

267. What is the pitch of Five?—G.

268. What is the interval between C and G?—A Fifth.

269. If, then, the seale be transposed from C a fifth, what will be its pitch?

270. What pitch is one in the key of G?

271. If G be one what will be two?

272. What will be three?

274. What will be five?

274. What will be live?

276. And what is required for seven in the key of G ? -F #.

277. Why is F# required as seven in the key of G?—That the proper order of intervals may be preserved in accordance with the model scale.

278. What is F# in its relation to the key of C?—Sharp-four.

279. What is FI in the key of G?-Seven.

280. What tone is that (as related to the key of C), on which transposition to the key of G depends?—Sharp-four.

281. What is that tone, on which transposition from any key to its

fifth depends ?—Sharp-four.

282. What tones constitute the key of G?

283. What tone has the key of C which does not belong to the key, of G?

284. What tone has the key of G which does not belong to the key of C?

285. What tones have the two keys, C and G, in eommon?

286. What is six in the key of G?

287. What key is the parallel minor to the key of G?

288. What is the signature to the key of  $G : F\sharp$ .

289. What is the signature to the key of E-minor?—F#.

290. Why is the same signature used for the two parallel keys?—Because  $F \sharp$  is required in both.

#### FROM G TO D.

291. What is five in the key of G?

292. What then is the fifth to G?

293. What is the next key to G, proceeding in the order of fifths?

294. What must be the pitch of one in the key of D?

295. If D be one what will be two?

296. What is three?

297. What is four? 298. What is five?

299. What is six ?

300. What must be taken for seven in the key of D  $?-C \sharp$ .

301. What is C in the key of G?

302. What is the relation of C# to the key of G?

303. Why is C# required as seven in the key of D?—To preserve the proper order of intervals.

304. What are the constituent tones (pitch) in the key of D?—D, E,

F#, G, A, B, C#.

305. What tone has the key of G, which does not belong to the key of D?

306. What tone has the key of D, which does not belong to the key of G?

307. What is the absolute pitch of one in the key of D?

308. What is the relative pitch of D in the key of D?

309. What is D in the key of G?

310. What is D in the key of C?

311. What tones have the two keys G and D in common ?-G, A, B, D, E,  $F \sharp$ .

312. What is six in the key of D?

313. What key is the parallel minor to that of D?

314. What is the signature to the keys of D-major and B-minor?— $F \neq and C \neq .$ 

#### FROM D

315. What is five in the key of D? 316. What, then, is the fifth to D?

317. What must be taken as one in the key of A

318. What as two? 319. What as three?

320. What as four?

321. What as five? 322 What as six?

323. What as seven?

324. What is four in the key of D?

325. What is the relation of G# to the key of D?—Sharp-four.

326. Why is G# required as seven in the key of A?-That the order of intervals may correspond to that of the model scale; or so that the proper relations of the key-tones may be preserved.

327. What are the constituent tones in the key of  $\Lambda$ ?—A, B, C $\sharp$ , D,

E. F#. G#.

328. What is the relative pitch of A in the key of A?

329. What is A in the key of D? 330. What is A in the key of G?

331. What is A in the key of C? 332. What is D in the key of D?

333. What is D in the key of G? etc. 334. What is six in the key of A?

335. What key is the parallel minor to A?

336. What key is the parallel major to F# minor?

337. What is the signature to the keys of A-major and F#-minor?— Three sharps; viz.: F# C# and G#.

#### FROM A TO E.

338. What is one in the key of E?

339. What is the relation of E to A?—It is its fifth.

340. What relation is A to E?—It is its fourth.

341. What is sharp-four to  $E ? -A \sharp$ .

342. What is the tone of transposition from any tone to its fifth?-Sharp-four.

343. If E be taken as one, which must be two?—F=

344. What must be three? - G#.

345 What four?—A.

346. What five?—B.

347. What six?— Ct.

348. What seven ?—D+

349. Why D#for sev en? - The order of intervals in the key of E require Dt as seven.

350. What are the constituent tones of the key of E?-E, F#, G#,

 $A, B, C \pm D \pm$ 

351. What is the parallel minor to E?— $C^{\pm}$ .

minor?—Four sharps; as, F#, C#, G# and D#.

352. What is the parallel major to C# minor?—E. 353. What is the signature to the parallel keys of E-major and C#-

Note.—Keys which, in transposition by fifths, are more remote from the model key then that of E, are but seldom found in vocal music; those horeafter noticed, therefore, are of less practical importance.

#### FROM E TO B .- SAME AS Cb.

354. What pitch is that which is a fifth to E? -B.

355. In the regular sequence of transposition by fifths, what key follows that of E?

356. What is sharp-four in the key of E?—A#.

357. What then must be taken for seven in the new key, or key of B ?—A#.

358. How many tones named sharp are required in the key of B?— Five.

359. What are they?— $F\sharp$ ,  $C\sharp$ ,  $G\sharp$ ,  $D\sharp$ ,  $A\sharp$ .

360. What are constituent tones in the key of B?—B, C#, D#, E, F#,  $G\sharp$ ,  $A\sharp$ .

#### FROM B TO FIL-SAME AS Gh.

361. What is the fifth to B?—F#.

362. What is four in the key of B?-E.

363. What is sharp-four in the key of B?—E#.

364. What must be taken as seven in the key of  $F?-E\sharp$ .

365. What tones are required to constitute the key of F#?—F#. G#.

Att. B, Ct. Dt. Ett.

366. By what other name is the same pitch as Et called ?—F.

367. Why have two names for the same pitch ?—Because, while the tone remains the same in its pitch, its relation changes, and from this arises the necessity of a change of name.

NOTE -E is four in the key of B: Et is sharp-four to B, and is therefore required for seven in the key of Fit the next key in regular succession by fifths to B. F (which is practically the same pitch in the musical system, is not sharp-four to B, but is flat-five to B. The different relation of the same tone requires a different name and treatment; so in some of the relations of life such changes are made as require like changes of name and action.

#### FROM F# TO C# .- SAME AS Db.

368. What is the fifth to F#?—C#.

369. What is the next key to that of F#, proceeding by fifths?—C#.

370. What is four in the key of F#? -B.

371. What is sharp-four in the key of F#?-B#.

372. What, then, is required for seven in the key of C#?—B#.

373. What are the component tones in the key of  $C^{\pm}$ ?— $C^{\pm}$ .  $D^{\pm}$ .  $E^{\pm}$ . F $\pm$ , G $\pm$ , A $\pm$ , B $\pm$ .

374. What is the signature of the key of Ct?—Seven sharps: Ft, Ct. G世, D世, A世, E世, B世.

#### FROM CT TO GT .- SAME AS Ab.

375. What is four in the key of  $C^{\pm}$ ?— $F^{\pm}$ .

376. What is sharp-four in the key of C#?—Fx (F-double-sharp.)

377. What is required as seven in the key of  $G\#? -F \times$ .

378. What tones constitute the key of G#?—G#, A#, B#, C#, D#, 尼世、Fx.

Note.—Transposition by fifths might proceed further, but it would be quite useless, indeed it has been brought thus far mostly for the purpose of bringing in legitimately, or reaching by a regular order of succession, the tone named F-double-sharp

#### TRANSPOSITION BY FOURTHS.

379. What is the pitch of the model scale?— $C_{\bullet}$ 

380. What is the pitch of its flat-seven?—B-flat.

381. What is the pitch of four in the key of  $\mathbb{C} ? -F$ .

382. What is the interval between C and F?—A fourth.

\* 383. If the scale be transposed from C a fourth, what will be its pitch?-F.

384. What pitch is one in the key of F?—F.

385. What is two?—G.

386. What is three?—A.

387. What is four ?-Bb.

388. What is five ?--C.

389. What is six ?-D. 390. What is seven ?—E.

391. Why is By required as four in the key of F?—That the proper order of intervals be preserved; or, that it may conform to the model scale in its intervals.

392. What intervals would be wrong, if B should be taken as four instead of By. - That between three and four, and that between four and five.

393. What would be the interval between three and four, if B be

taken as four?—A step.

394. What must be the interval between three and four ?—Half-step.

395. What would be the interval between four and five, if B be taken as four?—Half-step.

396. What must be the interval between four and five?—A step.

397. What is the relation of B<sub>2</sub> to the key of C?—Flat-seven.

398. What is Bb in the key of F?-Four.

399. What tone is that as related to the key of C, on which transposition to the key of F depends ?-Flat-seven.

400. What tone is that upon which transposition from any key to its fourth depends?—Flat-seven.

401. What tones constitute the key of F?—F, G, A, Bb, C, D, E.

402. What tone has the key of  $\tilde{C}$ , which does not belong to the key of  $F^2 - B$ 

403. What tone has the key of F, which does not belong to the key of C ? - Bh

404. What tones have the two keys in common?—C, D, E, F, G, A.

405. What is six in the key of  $F^{?}-D$ .

406. What key is the parallel minor to the key of F?—D.
407. What is the signature to these two parallel keys?—Bb.

#### FROM F TO Bb.

408. What is the pitch of flat-seven in the key of F?—Eb.

409. What is the fourth to Bb?—Eb.

410. In transposition by fourths, what is the next key to F ? -Bb.

411. What are the component tones in the key of  $B_{b}$ ?— $B_{b}$ , C, D,  $E_{b}$ , F, G, A.

412. Why is Eb necessary as four in the key of Bb?—To preserve the

identity of scale intervals.

413. How many intervals would be wrong, if E was taken instead of

E<sub>7</sub>?—Two.
414. Which intervals would be wrong?—Between three and four, and

four and five.

415. What, in such ease, would be the interval between three and four?—A step.

416. What would be the interval between four and five ?—A half-step.

417. What tone has the key of F, which does not belong to the key of  $B_2 = E$ .

418. What tone has the key of  $B_{7}$ , which does not belong to the key of  $F ? -E_{7}$ .

419. What tones have the two keys in common ?-C, D, F, G, A, B.

420. What is six in the key of Bb ?—G.

421. What key is the parallel minor to the key of Bb ?—G.

422. What is the signature to the keys B<sub>b</sub>-major and G-minor?—B<sub>b</sub> and E<sub>b</sub>.

#### FROM By TO E'z.

423. What tone is seven in the key of Bh?—A.

424. What is flat-seven?

425. In transposing by fourths, what is the next key to that of Bh?—Eh.

426. What is the tone of transposition, or of change, from any key to

that of its fourth?—Flat-seven.

427. What is the pitch of flat-seven in the key of Bb?—Ab.

428. What must be taken as four in the key of Bb?—Ab.

429. What are the component tones of the key of Eb  $\stackrel{?}{\sim} -Eb$ , F, G, Ab, Bb, C, D.

430. What is the order of transposition by fourths from C to E<sub>2</sub>?

C to F, F to Bb, Bb to Eb.

431. What is six in the key of E<sub>2</sub>?—C.

432. What is the relative minor to Ep-major?—C.

433. What is the relative major to C-minor ?—Eb.

434. What is the signature to the keys E<sub>2</sub>-major and C-minor?— $B_{2}$ ,  $E_{3}$  and  $A_{3}$ .

#### FROM Eb TO Ab.

435. What is four in the key of Eb?—Ab.

436. What is flat-seven to Eb?— $D_2$ .

437. What is the tone of transposition from any key to its fourth?—

438. What intermediate tone, named flat, in addition to Bb, Eb and Ab, is required for the key of Ab?—Db.

439. What is the consecutive order of keys in transposing by fourths

from C? -F, B > E > A > E.

440. What is the order of succession in which the tones, named flat, are required in transposing by fourths?—Bb, Eb, Ab, Db.

441. What is six in the key A-flat?—F.

442. What is the parallel minor to Ab ?-F.

443. What is the parallel major to F-minor?—Ab.

444. What is the signature to the key of Ab and its parallel minor?—Four flats.

NOTE.—Keys which, in transposition by fourths, are more remote from the model key of C, are but seldom found in vocal music; those hereafter noticed, therefore, are of less practical importance.

#### FROM Ab TO Db.—SAME AS CT.

445. What is four in the key of Ab?—Do.

446. In transposing by fourths, what key is next in order to  $A_1 ? - D_2$ .

447. What tones constitute the key of Db?—Db, Eb, F, Gb, Ab, Bb, C.

448. What is flat-seven in the key of Db?—Cb.

449. What is four in the key of  $G_b ? - C_b$ .

450. In the regular sequence of transposition by fourths, what key succeeds that of  $D_0 : -G_0$ .

451. What tones are required to constitute the key of Gb? -Gb, Ab,

Bb, Cb, Db, Eb, F.

452. What tone is the same pitch as that of Cb, but called by a

different name?—B.

453. Why will not the name B answer as well as that of Cp in the key of Gp?—Because B does not belong to the key of Gp, or is not one of its constituent tones.

454. In what key is the tone B not only the same pitch as that of Cb,

but also relatively the same?—In the key of F#.

455. In what respects do the keys of Go and F# differ?—In names and notation.

456. In what respects are they alike?—In the pitch of their tones.

#### FROM GO TO CO.—SAME AS B.

457. What is flat-seven in the key of Gb?—Fb.

458. What is four in the key of  $\ddot{G}_{b}$ ?— $\ddot{C}_{b}$ .

459. What is the next key, in the order of transposition by fourths, to that of Gh? - Ch.

460. What are the constituent tones of the key of  $C_{\mathcal{D}} := C_{\mathcal{D}}, \mathcal{D}_{\mathcal{D}}, E_{\mathcal{D}}$ ,

Fb. Gb. Ab. Bb.

#### FROM Ch TO Fh.—SAME AS E.

461. What is four in the key of Ch?—Fb.

462. What is the next key, in transposition by fourths, to that of  $C_{\mathbf{p}} ? -F_{\mathbf{p}}$ .

463. What is the tone of transposition from the key of Cb to that of

Fb?—Bbb (B-double-flat).

464. What tones are required to constitute the key of Fb?—Fb, Gb,

Ab, Bbb, Cb, Db, Eb.

465. What tone is the same pitch as F<sub>2</sub>, though called by another name?—E.

466. Why not, in the transposition by fourths, take E for the next key to  $C_{P_1}$  instead of  $F_{P_2}$ ?—Because E is not the fourth to  $C_{P_2}$  neither are the

two (E and Fb) in name or in notation the same.

467. By what change may this be done, or by what change may the pass be made directly from the key of Cb to that of E?—By an enharmonic change.

Note —Transposition by fourths might be carried still further, but it would be only multiplying names and signs, and not things. It has been brought thus far for the principal purpose of showing the proper derivation of the tone Bib.

Note.—Either of the twelve tones of the chromatic scale may be taken as one, or as the basis of the scale major or minor. There are, therefore, twelve major and twelve minor keys. These twelve (temperament being equal) are alike with respect to the relation and names of their tones, but as they differ from each other in absolute pitch, so each requires its peculiar notation and nomenclature; otherwise absolute pitch would not be represented or designated. The keys F\$ and Gb are (in practical music) identical both in the relation and pitch of their

tones, and only differ in notation and nomenclature.

tones, and only differ in notation and homeneautre.

In making the circle of the twelve, transposing by fifths, it is usual to pass from the key of F# to that of Dh; and, in making the circle, transposing by fourths, it is usual to pass from Gh to B. In either case the change (i. c. from F# to Dh, or from Gh to B) is called an Enharmonic change.

(See Tabular View of Transposition, etc., at the end of these questions.)

#### CHAPTER XI.

468. What are those tones called which are often introduced for graceful or tasteful purposes into a mclody?—Passing Tones.

469. When a passing tone precedes an essential tone on an accented

tone of the measure, what is it called?—Appoggiatura.

470. What is meant by an essential tone?—One which necessarily belongs to the chord in which it is found.

471. When a passing tone follows an essential tone on an unaccented

part of a measure, what is it called?—After Tone.

472. What is the rapid alternation of a tone with the next tone in regular succession above it called ?—Shake or Trill.

473. When a tone is sung in rapid succession with the conjoint tones above and below, what is it called ?—A Turn.

Note.—There are many forms of turns to which it is not necessary here to allude.

- 474. When successive tones are produced in a closely connected manner, or intervolved, what is the style of singing called ?—Legato.
  - 475. Is a good legato one of easy or difficult attainment?—Difficult. 476. Is legato the rule, or is it the exception in song?—The rule.
- 477. When tones are produced in a very short, pointed, or articulate manner, what is the style of singing called ?—Staccato.

478. Is staccato the rule in ordinary singing, or the exception?—The

exception.

479. What is that style of singing called which is intermediate between

legato and staccato?—Martellata.

- 480. When the voice is instantaneously conducted from one tone to another by an almost imperceptible glide, what is the style of singing called?—Portamento.
- 481. Is a good portamento easy, or difficult of acquisition?—Very difficult.

482. How may the difficulty be overcome?—By diligent practice under

the guidance of a skillful teacher.

483. Is it wise or unwise to attempt portamento without suitable previous study?—*Unwise*.

484. Does portamento belong to chorus or to solo singing?—To solo singing.

485. What is the prolongation of a tone beyond its indicated length

called ?—A Pause.

486. When are pauses most effectively introduced?—At a climax or culminating point.

#### CHAPTER XII.

#### DYNAMICS.—FORCE OF TONES.

487. What is a tone of medium force called?—Mezzo.

488. What is a tone somewhat softer than mezzo called?—Piano.

489. What is a tone somewhat louder than mezzo called ?-Forte

490. What is a tone softer than piano called ?—*Pianissimo*. 491. What is a tone louder than forte called ?—*Fortissimo*.

492. How many principal degrees of tones are there?—Five.

493. What others may be employed?—Mezzo piano, Mezzo forte, etc.

#### CHAPTER XIII.

#### FORMS OF TONES.

494. What is a tone called when it begins, continues and ends with the same degree of force?—Organ Tone.

495. How may the organ tone be indicated ?—By parallel lines.

496. What is a tone called which, commencing piano, gradually increases to forte?—Crescendo.

497. How may the crescendo be noted?—By divergent lines.

498. What is a tone called which, commencing forte, gradually diminishes to piano?—Diminuendo or decrescendo.

499. How may the diminuendo be noted?—By convergent lines.

500. What is the union of the crescendo and the diminuendo called?—

501. How may the swell be noted ?—By the union of divergent and convergent lines.

Note.—The swell is also called the drawn tone. "To draw the tones well," says the distinguished teacher, Garcia, "is to be a good singer."

502. What is a very sudden or instantaneous crescendo called?—Pressure Tone.

503. How may the pressure tone be noted?—By abrupt divergent lines,  $\prec$ 

504. What is a very sudden or instantaneous diminish of a tone from loud to soft called ?—Sforzando or fortzando. In elocution the same is called the Explosive Tone.

505. How is the sforzando noted?—By short abrupt convergent lines.

### EXPLANATION AND MANNER OF USING THE TABLE.

This table is not designed to be committed to memory, but rather to awaken thought and comparison, and through them to lead to vocal action in all the variety of transpositions which may occur. It is intended as an index, pointing out the various changes, and aiding in the immediate transfer of absolute to relative pitch. Thus, by an instantaneous mental change of any pitch from its relation in any key to that of its relation in any other key, the student will be enabled to make the real transposition or vocal change.

Those especially who have been trained to the proper use of the syllables, Do, Re, Mi, etc., in accordance with their legitimate use, as originally designed by Guido Arctino, who in the eleventh century first applied them, not as names of absolute pitch, but as connected with scale or relative pitch, will have formed such an association between syllables and tones, as instantly to be reminded by the one of the other, and thus change of relationship or transposition will be made, the pupils passing from one key to another with comparative ease and certainty.

The teacher will be able, either with or without the table before him, to call for the different tones by their names, and thus to indicate such changes as he may desire to be made.

The thirteen horizontal rows of larger figures represent entire scales; the smaller figures indicate parts of scales at an octave higher or lower pitch than those of the larger size; intervals (steps and half-steps) are indicated by distances between the figures on each line.

The model seale, or key of C, is represented by the central row; above

it is represented a regular sequence of transpositions, proceeding by fifths, as G, D, A, E, B, F#. Below it are represented, also in sequential order, six other transpositions, proceeding by fourths; as, F, Bb, Eb, Ab, Db, Gb.

The vertical columns of dots, twenty-four in number, represent the chromatic scale, its tones being indicated by letters and flats below, and by letters and sharps above. E# being required in the key of F# as seven, is represented at the same point as F, the two tones differing practically only in name and notation. So also the tone Cb, being required as four in the key of Gb, is represented at the same point as that of B, the two being in pitch practically the same.

The pupils need not necessarily have the table before them, though it may sometimes be convenient thus to be aided by sight.

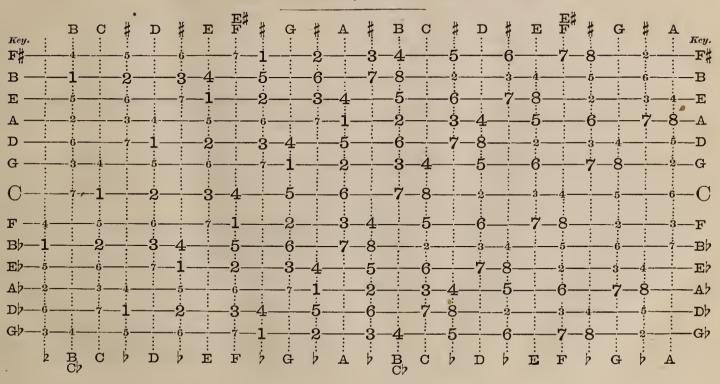
1. The tone five being taken as that from which the change is to be made—the tone five changed in its relation from five to one.

Let the scale in the key of C be sung, and by repetition be fully fixed in the mind. The teacher may then call successively for the following named tones: One, Two, Three, Four, Five; the pupils responding to the call by producing each tone, as it is named, in connection with its appropriate syllable, as Do, Re, Mi, Fa, Sol. After sufficient repetition, especially of the tone five (syllable Sol), the teacher asks: "What is the pitch of five \( \begin{align\*} \text{--Ans.} \) G. The teacher then gives the direction:

### INDEX TO TRANSPOSITION; or, A TABULAR VIEW REPRESENTING THE TWELVE KEYS,

(F# and Gb being practically the same,)

### THEIR COMPONENT TONES, AND MELODIC RELATIONS.



"Sing G as one;" upon which the class, retaining the same pitch, change the syllable from Sol to Do. The teacher asks: "If G be one, what is the key?"—Ans. G. The pupils may then be required to sing the scale, in whole or in part, ascending or descending, or both, in the key of G; thus the first transposition by fifths is made. They may proceed in the same manner, as fast as they may do so with certainty, from G to D; from D to A; from A to E; from E to B; and from B to F#. When this has been done the transposition by fifths has been completed.

Note.—From the key of B the transposition may be made with equal ease to that of Gb. Such a change is called an *Enharmonic change*.

2. The tone four being taken as that from which the change is to be made—the tone four changed in its relation from four to one. (Less minutely described.)

Commencing again with the scale of C, the pupils are required to sing the tone "One, Two, Three, Four." Teacher asks: "What is the pitch of four?"—Ans. F. Teacher directs: "Sing F as one," or "Change the relation of F from four to one." Pupils sing at the same pitch, but change the syllable Fa for that of Do. Teacher asks: "If F be one, what is the key?"—Ans. F. The scale may now be sung in the key of F.

After the same manner the class may pass through the following named keys in regular succession: From F to B<sub>2</sub>; from B<sub>2</sub> to E<sub>3</sub>; from E<sub>4</sub> to A<sub>5</sub>; from A<sub>5</sub> to D<sub>2</sub>; from D<sub>3</sub> to G<sub>5</sub>; thus completing transposition by a sequence of fourths.

3. Commencing with the key of C, and taking the tone one as that on which the change shall be made, the transposition may be to any other key, however remote, of which C is a component tone; as,

```
To the key of G in which C is Four,
""" F"" """ """ Five,
""" "" E<sub>0</sub>"" """ "" "" "" Six,
""" """ D<sub>0</sub>"" """ Seven.
```

4. Or, taking the tone two in the key of C (D) as that on which the change shall be made, the transposition may be to any other key of which D is a component tone; as,

```
To the key of G in which D is Five,
" " " " C " " " " " Two,
" " " " A " " " " Four,
" " " " " Bb " " " " " Three,
" " " " Eb " " " Seven.
```

5. Or, taking three in the key of C (E) as that on which the change shall be made, the transposition may be to any other key of which E is a component tone; as,

```
To the key of G in which E is Six,
" " " " D " " " " Two,
" " " " E " " " " " One,
" " " " " B " " " " " Four,
" " " " " F " " " " Seven.
```

6. Proceeding in a similar manner, transposition may be made from four in the key of C (F),

Or, instead of the last transposition it may be made by an enharmonic change from the key of Db to that of F#, in which, notwithstanding all the tones change both their names and their signs, in pitch they remain practically the same.

7. After the same manner the transposition may be made from five in key of C (G); as,

8. From six in the key of C (A) the changes are as follows:

To the key of G in which A is Two,
""" "" D """ "" "Five,
""" "" E """ "" " " " Four,
""" "" " F """ "" " Three,
""" "" " B """ "" " Seven.

WE fill a part of a page here, otherwise blank, with the following Miscellaneous Suggestions, to be followed or not, according to circumstances,

1. Let the pupil be thoroughly trained to one exercise before proceeding

to another more difficult.

2. Sing each lesson three times—first, forte, second, mezzo, and third, piano.

3. Sing a lesson Moderato at first, and afterwards increase to Allegro, according to the character of the music and the ability of the pupil.

4. In order to avoid singing out of tune, think carefully of the pitch of a

tone before giving it utterance.

5. The last tone of a passage, tune, or melody should not ordinarily be prolonged to the full extent represented by the note, but should be somewhat shortened.

6. Seek not merely for the entertainment or the amusement which is afforded by song, but look higher, even to its educational influence in physical, social, and moral life.

7. Avoid that vulgarity which seeks by music, or otherwise, to raise a

laugh at the expense of good taste and improvement.

8. Music should not be regarded merely as a relaxation from severer

study, but as in itself a study, both pleasing and useful.

9. It is not necessary that a strictly didactic purpose should always be apparent in a musical exercise, yet more or less instruction should always be given.

9. From seven in the key of C (pitch B) the changes are:

To the key of G in which B is Three,
" " " " D " " " " " Six,
" " " " Two,
" " " " E " " " " " Two,
" " " " B " " " " One,
" " " " " Fyt " " " " Four.

Or, by an enharmonic change, the last transposition may be made from B to the key of Gp, in which the pitch of the tones remains the same, but names and notation differ.

10. But not only may each tone in the scale of C be taken as the transition tone, but also each tone of the scale in every other key may be also thus taken; so also changes may be made from major to minor and *vice versa*, thus exhausting the subject by all the transpositions possible.

10. Never seek to make a song exercise merely funny.

11. The true singer must draw heavily, not only upon his intellectual and emotional nature, but also upon his whole physical system; as the organs of circulation, or the arteries and veins; the organs of perception and sensation, or the nerves; the organs of motion, and especially those of respiration, or the muscles; the organs of hearing, or the ears; the organs of voice, or the trachea, larynx, etc.; the organs of speech and of articulation, or the tongue, teeth, palate, lips, etc. Indeed, oratorical song as well as speech demands the whole man.

12. In the function of respiration the lungs are nearly passive. The dilatation of the cavity of the chest, which is simultaneous with inspiration, is accomplished by the various muscles by which the chest is ex-

panded upwards, forwards, and laterally.

13. In teaching, the reality should ever be regarded as above the sign;

the principle above the rule; and the spirit above the letter.

14. Injurious to the voice.—1st. Singing at too high or too low a pitch; straining after high tones. 2d. Prolonging too much the singing exercise. 2d. Singing immediately after eating, or when one is weary. 4th. Conversing in the rail-road cars, or wherever it is difficult to speak and difficult to be heard. 5th. Exposure to the humidity of the night air, especially after singing loud and long. 6th. Singing when one has a cold, or is hoarse, or feels any pain or inconvenience from the exercise of his voice.

#### A BRIEF EXPOSITION

OF THE

### PRINCIPAL VOCAL ORGANS.

#### AS REPRESENTED IN THE PLATE

A.—The trachea, or wind-pipe; a tube | G.—The uvula; a prolongation of the soft slightly movable and expansive, dividing at the palate. lower part into two bronchi or branches, by which it connects with cach of the lungs.

B .- The larynx, or music-box: this is situated at the upper part of the trachea, or he-tween the trachea and the base of the tongue. This is the principal vocal organ or immediate instrument of sound.

C.—The glottis, a small fissure or opening at the upper part of the larynx. The folds of membranes, one on the right and one on the left of the glottis, are called the vocal cords. The theory of the production of voice is, that the breath being forced through the glottis, by the action of the diaphragm upon the lungs, when these cords are in position, causes them to vibrate, and sound is originated, the pitch of which depends upon the tension. The view obtained of the vocal organs in a living subject. by the use of the laryngoscope, gives confirmation of this theory.

D.—The epiglottis; this is a lid or cover for the glottle during the act of swallowing, pre-venting the introduction of food into the airpassage. It seems also to be a modifier of tone as it issues from the larvnx.

E.-The pharynx; an important part of the vocal instrument, situated at the base of the tongue, receiving the tones from the glottis, and essentially modifying them on their outward tracts, and then ascenda. Its auxillaries are tho passago.

F.—The soft palate, or the reil of the palate; a movable fold or curtain between the mouth and the nasal cavities, separating the mouth from the pharynx; or it is a continuation of the arched roof of the mouth, a part of the aound- which it passes; the diaphragm is the propellug-board or reverberating surface.

H.—The hard palate, or the palatine arch; the hard roof of the mouth, the principal reverberating surface.

I. The tonque.

K .- The mouth.

L.- Exophagus, or passage to the stomach.

m .- The spinal vertebra, or joints of the spina, or back-bone.

n. - Nose.

o o o - Turbinated, hones

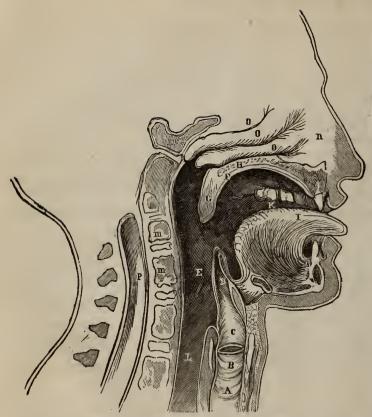
n.-Spinal cord.

The element of the voice is air, or the voice is breath converted into sound. The reservoir of the breath, where it is beld for vocal purof the breath, where it is beld for vocal purposes, consists of the two lungs, located one in each side of the eavity of the thorax or chest. The lungs are capable of much expansion and compression. They may be fully developed by systematic and artistic hreathing.

The musele by which the power of respiration is exercised, is the diaphragm. This musele of respiration separates the chest from the abdomen, being the floor of the one and the ceiling of the other, and naturally arches upwards.
During inspiration it descends, and if crowded,
causes the abdomen to project; in expiration it
ascends, or if it has been crowded, first conabdominal, dorsal, pectoral, and intercostal musclos.

Summary.

The vocal element is the breath; the lungs are its reservoir; the throat is the tubo through ling agent.



Side view of a section of the head, showing the more essential vocal organs.

## VOCAL CULTURE.

lence, must be by the aid of individual instruction or by private lessons teaching and training processes must vary in accordance with the circunder the watchful care of a judicious teacher. Perhaps, no study cumstances, habits and general condition of the students. requires more vigilance and careful attention than that of the voice, both as relates to song and to speech. Class teaching, when properly conducted, is highly valuable as preparatory to that individual instruction with minuteness, but leaving this to the intelligent teacher, some of the which aims at higher artistic culture. It is even more favorable than more general essentials will be briefly noticed. individual lessons to free and independent action, or to the ability to read CAUTION.—The pupil should never continue to practice so as to propupil may also receive personal attention, and witness the instructions and natural manner. to the other members of the class. Whatever belongs to length of tones, Position.—The pupil should stand erect, resting upon the ball of the singing, class teaching is indispensable.

there are no two classes alike, nor even two individuals, in whom there out stiffness. Eyes forward. The pupil should so stand, that a line is an exact correspondence in musical perceptibility, in vocal capacity, or from the ear will pass through the shoulder, hip and knee to the foot. in the mental faculties under which the song-power is to be trained and If there is too much inclination to bend forward, cross the hands on the to exert its influence, the idea of giving definite rules or formulas of back. If at any time the sitting posture is required, sit so as to support instruction to be followed alike in all cases is far from being entertained. the lower part of the back, with the feet on the floor as in standing, with

THE cultivation of the voice, if carried to any high degree of excel-the intelligent teacher will always be governed, but the details of the

music unaided by instrumental or other support or lead, and is sufficient duce positive fatigue, nor after the throat becomes parched or dry, or of itself for the ordinary home or social purposes of song, especially if any pain is felt; but by frequent, earnest and careful exercises on such taught in lessons of about an hour each, in small classes of from two to tones as come within the easy range of the voice, let force be increased, four pupils, so that, in connection with simultaneous instruction, each compass extended, quality improved, and style acquired, all in a gradual

to measurement of time, to relation of pitch as exemplified in the scales, foot; let the heels touch or nearly so and the toes be so turned out as to major, minor and chromatic, to intervals, to transposition, to force and form a right angle; let the arms hang easily just behind the hips; let the form of tones, etc., is best acquired in classes, while to part or chorus body be brought square to the front. The chest should be somewhat expanded and advanced by a slight and equal pressure of the shoulders This work is designed principally as a help to class teaching. But as downward and backward. The head should be held upright, but with-There are, indeed, general principles relating to vocal culture by which head and body erect. All must be done easily and without strain of the

long in any one fixed position.\*

nasal cavities, have an important influence on the voice. When good-phrase promptly and in full breath. nature, cheerfulness of disposition, buoyancy of spirits and warmth of The following described exercises for strengthening the organs of assume a right form and appearance, prepared to do well its part. The be carefully observed, mouth should be opened before the delivery of the tone; if not thus 1. (a) Inhale gently through the nostrils a full breath of pure fresh air;

RESPIRATION.—An ability to control the organs of respiration is of the with the lips slightly opened exhale noiselessly through the mouth. first importance to the singer or speaker, and, although the power of a 2. (a) Place the arms horizontally across the chest, elbows bent, deep inspiration is with some a gift of nature, careful practice of suit-palms downward and tips of the longest fingers touching. See Fig. 1. able exercises will do much to strengthen the breathing power. Respi- (b) Extend the arms horizontally backward to the right and left, still ration comprises a double action; First, inspiration, by which the lungs keeping the palms downward. are filled with air; and second, expiration, by which the air is expelled; 3. (a) Extend the arms horizontally forward, palms together, thumbs the latter is the most difficult of right management. By inspiration upward, as indicated by the figure. See Fig. 2. (b) Still keeping the preparation is made for the production of the tone, and by expiration arms horizontal, carry them slowly backward to the right and left as far the tone itself is produced. An inspiration may be deep and full, as is as possible. (c) If the hands be taken by another person and gently often needed in singing a long phrase, or it may be a half-breath, a semi-drawn still further backward, this exercise will tend to produce a greater inspiration, which is possible only in rapid passages, in which but an development of the chest. instant may be found, and that perhaps by omitting a tone, for replenish-4. (a) Place the hands upon the hips, and turn the head to the ing the well-nigh exhausted lungs. In expiration, as a general thing, the left, throwing the upper part of the body far backward in the same breath should be given out very gradually. The habit of taking a full indirection. This exercise will strengthen the right side. See Fig. 3. spiration, with as little movement and noise as possible, should be care- (b) Turn the head to the right, throwing the upper part of the body fully cultivated. The inhalation should be much as in a deep sigh, but also to the right and well backward as before. This exercise will

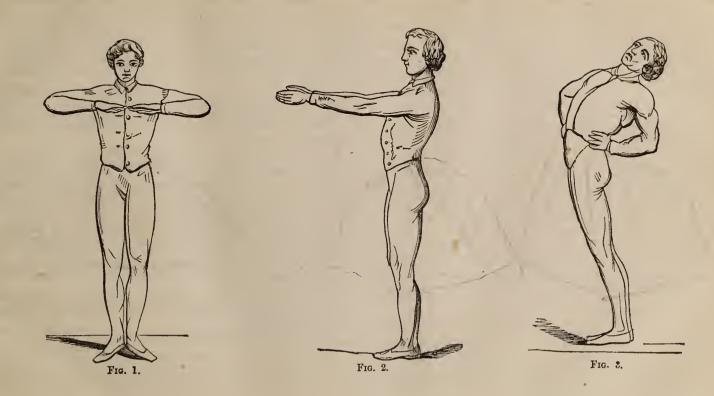
\* See Song Gardon, Part II, note, page 17.

muscles. There should be no rhythmic movement of the head, hand, foot, the breath until it is required for the production of tone. The capacity or any other part of the body, and especially nothing having the appear-of the clest may be much enlarged by giving the lungs frequent and ance of affectation or peculiarity. The pupil should not remain too full inhalations, and also by the practice of long tones. Such exercises however, require caution, especially with the immature organs of chil-THE MOUTH.—The mouth should be well opened, a natural and not dren and youth. The student should be accustomed, in the proforced modification of it being allowed in conformity to the requirements duction of a tone, to exhale insensibly, without shock or motion, so as to of the different vocal elements. For ordinary practice in the use of the procure steadiness of voice, in both piano and forte passages. Economy yowel ä, two fingers one above the other between the teeth will not pro-should be the rule in regard to the expenditure of breath in singing: duce too great a width, and not unfrequently a wider opening will be none should be permitted to escape as a mere whisper, or aspirate, but all required. An agreeable formation, natural and without affectation is the should be converted into tone. As a general rule, time for inspiration best. The tongue, for the sound \(\alpha\), should lie flat, with its point nearly should be taken from the length of the tone which immediately precedes or slightly touching the teeth. The mouth, the teeth and lips, as also the it; thus the singer will be enabled to commence the following tone or

feeling prevail, the mouth, with all the other features, will usually respiration are recommended, in each of which the proper position should

opened the tone will be very liable to partake of a nasal or guttural quality. (b) retain the breath for a moment, at discretion, but not too long, then (c)

without visible effort; the lungs being inflated, should be able to retain strengthen the left side. These movements which at first may seem difficult, are of great importance in developing the muscles of the chest.



be injured by them. Others should take professional advice before rising, inhale slowly by the mouth, producing a slight aspirate sound by engaging in these or other similar efforts. In addition to these four exerpassing the air through the lips; (d) when the lungs are filled, and the cies others also may be useful for the development of the respiratory chest is in active position, strike it rapidly (as in 6) with open hands: and yocal organs; some of these we will attempt to describe. They may, (e) exhale slowly through the lips as in inhalation. This exercise, as in part, be practised in connection with gymnastic movements of the also the previous one, should be practiced with caution, lest a dizziness arms, and if in classes, should be regulated by a rhythmic division of the be produced. time as in music: though we can hardly approve of the playing of a 8. Another.—(a) Place the hands on the chest as nearly as possible in pretty time on the cabinet organ or piano forte for the purpose, but would front of the arm-pits, fingers closed: (b) inhale a full breath: (c) stretch rather indicate time movement by counting, as one, two, three, four, etc. the arms slowly forward, at the same time opening the fingers, palms This however must be governed by taste, guided, as is most desirable, by a downward: (d) bring the arms back to their first position: (e) breathe consideration of the high claims of music as an art, and of the subordinate out through the nostrils. aim of these exercises. In all these breathing or other exercises, the stand
9. Breathing accompanied by Movements of the Arms.—(a) ing position should be assumed, and care should be taken that the air be Bring the tips of the fingers to the shoulders, elbows pointing downward "pure and fresh;" the opening school hour of the morning is most favor- and a little forward, the arms being bent and parallel, simultaneously able for the purpose; three breathings, or exercises of the same kind at inhaling a full breath; (b) carry the hands forcibly downward to a posione time, as a general rule, will be sufficient. Respiration should be tion a little in front of that occupied by them when hanging by the noiseless unless for special reasons it be otherwise directed. It is impor-sides; clench the hands while bringing them into this position, and simultant that in these and other training processes the mind of the student be taneously exhale forcibly through the nostrils. closely fixed upon the particular organ to be developed.

chest the fore-finger resting on the right collar bone; arm horizontal and alternately contract or draw it in, and expand or throw it out. The the right hand at the lower part of the waist; (b) allow the upper part of same may be done in connection with respiration, as by inspiration the the chest to fall or sink backward, thus producing an inert or passive diaphragm contracts, and by expiration it expands. This is a difficult chest; (c) cause the chest to rise and to be well thrown outward, thus exercise. producing the active chest. Care should be taken to perform this exer-

cise without motion of the back or shoulders.

6. Percussion of the Chest.—(a) Place the hands on the chest just inhalation and exhalation. below the collar bone, opposite each other, tips of the longest fingers touching, or nearly so, arms horizontal; (b) take a deep inspiration; (c) thumbs forward. Exercise these muscles by inhalation and exhalation. while holding the breath, rapidly strike the chest alternately with each hand, sometimes lightly and sometimes with more force. There may be sixteen strokes or taps, eight with each hand, or sometimes double that the above described exercise it must not be confounded with either of these organs. It arches the above described exercise it must not be confounded with either of these organs. number; (d) breathe out gently through the nostrils. Never strike on upwards, so that when it contracts it enlarges, and when it expands it diminishes, the cavity of the chest when lungs are exhausted of air.

These four principal exercises are highly important to persons who 7. Another.—(a) Hands at the sides just above the hips, thumbs in are in good health and have chests neither so weak or feeble as to front; (b) incline forward and expel the air from the lungs; (c) while

10. Exercise for the Diaphragm.\*—Place the hands on the middle 5. Passive and Active Chest. — (a) Place the left hand on the of the waist at the location of the diaphragm; make firm pressure, and

11. FOR THE INTERCOSTAL MUSCLES. - Hands on the sides at the lower part of the waist, thumbs behind. Exercise these muscles by deep

12. FOR THE DORSAL MUSCLES. — Hands horizontal at the back,

13. COMBINED ACTION OF THE INTERCOSTAL AND DORSAL MUSCLES.—

the chest.

(a) Hands on the hips; (b) inhale while rising slowly on the toes; (c) exhale while sinking back slowly to the floor.

ANOTHER.—Breathe as if filling a belt around the waist.

14. FOR THE ABDOMINAL MUSCLES.—(a) Hands in a horizontal position in front and just below the diaphragm, tips of the longest fingers touching. (b) Contract and expand the abdomen by exhalation and inhalation.

15. ASPIRATED BREATHING. TO ACQUIRE FORCE IN EXPELLING THE BREATH.—I. Fill the lungs and expel energetically and suddenly in a

half-formed or aspirate whistle to the word whew!

II. Take a deep inhalation through the nostrils and breathe out through the mouth in an aspirate, as no!

III. Catch the breath quickly and breathe out as in a subdued ex-

pression of fear or terror, on!

IV. Utter the vowels \(\bar{a}\) \(\bar{e}\) \(\bar{e}\) \(\bar{e}\), each being preceded by a gentle

whispered stroke of the glottis.

running, pants for revivification. Imitate him, save in the protrusion of the tongue. Panting and gasping, if judiciously practiced, may help to strengthen and enlarge the breathing capacity. The diaphragm will be brought into free action by this exercise.

17. For continuous gentle Breathing.—I. Imitate the sound of the air in the sea-shell by a very gentle, but audible breathing, re-

taining the air in the lungs as much as possible.

II. With mouth fully open, breathe inaudibly upon the hand, as if

melting frost on a window pane.

18. For the Expansion of the Larynx.—Produce the sound represented by the letter g, as in egg, three times in succession, repeating the exercise twicc.

19. For the Expansion of the Pharynx.—I. Draw back the

tongue as in gaping.

II. Pass the end of the tongue along the roof of the mouth, when an attempt to swallow it will produce an enlargement of the lower part of the pharynx.

20. ELEVATION OF THE UVULA.—A suddenly suppressed yawn or gape.

21 ELEVATION OF THE SOFT PALATE OR PALATIAL ARCH.—Utter the sound represented by the letter u, as in the word un: let this be done three times in succession, and twice repeated.

22. EXERCISE FOR THE LIPS.—I. Produce in quick succession the sounds represented by the letters e. a. oo: the first e with the lips drawn as far and as tight as possible across the teeth; the second a with the mouth opened wide enough to admit three fingers one above the other; the third oo with rounded protruded lips drawn nearly together.

II. Move the lips with the precision and energy required for the clear articulation of syllables and words, yet without the slightest vocal or aspirate sound; as if speaking to a mute, in such words as "Good morning," "How do you do?" "What is the time of

day," &c.

23. Utter the vowel o in a clear and continuous tone with an effort to throw the sound into the distance, by such a protrusion of the lips and 16. For Rapidity in Breathing.—Observe Tray, who, after much general contraction of the passage, as to elongate the vocal tube or pipe.

#### RULES IN RELATION TO BREATHING.

NEGATIVE.—Breath should not be taken,

I. Between the syllables of a word:

II. Between an adjective and its substantive;

III. Between an article and its substantive;

IV. Between a principal verb and its auxiliaries;

V. So as to break up the connection in the expression of an idea or thought;

VI. Between an appogiatura and an essential tone of a chord.

Affirmative.-Breath may be taken

I. Before a long tone;

II. At a rest, or after a pause;

III. On an unaecented part of a measure;

IV. Before a roulade, running passage, or organ point;

V. Whenever necessary to prescrive life.

In breathing, be it remembered, there should be no movement of shoulders or arm; it should be without shock of chest or noise.

THE GLOTTIS.—The percussive action of this inner air-month, or | The alto or contralto (different names for the same thing), has the opening to the larvnx for the passage of the breath, is of the first imporsame registers as the soprano, though it more soldom employs that of the tance to the clear articulation of tones, both in song and speech. It may head, and more frequently that of the chest, be thus described: immediately before the utterance of the tone, a sufficient inspiration having been taken, a preparation is made for it by an chest register extends from the small q to the once marked small f or q. effectual closing of the aperture and the consequent momentary suspen- The medium register extends from the once marked small f or g to the sion of the breath. Simultaneously with the vigorous re-opening the twice marked small c or c.# This register may also be brought down tone is heard, not necessarily of great force, but with the utmost certainty, even as low as the once marked small c. Tones of a higher pitch than precision, and exactness, or clearest articulation possible. This percussive the twice marked ct, belong to the head register, action of the glottis is a most certain means of insuring a truthful intonation and of preventing a groping or feeling about for the tone, or of the a reed instrument, while those of the head are more like the tones of a very common habit of striking below the pitch and then sliding up in flute. The head register is the most distinguished and brilliant of the hope of finding it. It has been likened in its effect upon the tone to soprano voice, the closing and instantaneous re-opening of the lips upon the articulation of the letter v. It has been called by Garcia and others the shock of the glottis; but this designation is thought often to have misled the are confined to the chest and medium registers. student by conveying an idea of something more violent, convulsive or "shocking" than was intended. "Stroke of the glottis" a somewhat milder expression, has been judiciously adopted more recently. But by former extends as high as the once marked e, f or g; the still higher tones whatever technical appcllation the action may be distinguished, it must being taken in the medium. Tenor voices vary considerably, however, by be instantaneous, energetic, and sure in its results; it must never be nature or by cultivation, in the extent of the chest register. Men with allowed to degenerate into a convulsive shock of the whole vocal region, few exceptions, speak in the voice of the chest register. The stroke of the glottis produces the most perfect staccato; a lesser action is equally important to the martellata.

than in others, there are certain ranges of pitch, characterized by a general similarity in the manner of producing and qualities of tones; chiefly depend as authority, maintain that there are in fact but two registers, viz.: that of the these distinct portions of the vocal compass are called REGISTERS, chest and that of the falsetto-head, the latter heing a continuation of that which is commonly It is important that the student should be early led to a clear perception of the different registers, since right progress in the formation and train- into three registers, because of its general acceptation, and, because more easily understood, ing of the voice essentially depends upon such a development and equalization of them as shall lead to uniformity throughout its whole compass.

and Head, all of which are more or less employed by the treble or soprano.\*

Women with few exceptions usually speak in the medium register. Men's voices in like manner may be divided into three, but in general,

Base voices, in ordinary singing, make use of the chest register only. Tenor voices make use of both the chest and medium registers. The

In children's voices, previous to mutation, the chest and medium or head registers, though often easily distinguishable, are, in general, less REGISTERS.—In every voice, though in some more distinctly marked marked than in those of adults, and there is always danger of their forc-

> called the medium. The difference is regarded as rather consisting in name than in reality, and as Garcia himself in his "Singing School" adopts the more common division of women's voices his example has been followed in this work.

† The voices of alto singers, naturally adapted to the expression of the deepest emotion, are often exposed to much injury and even ruin, when for the purpose of singing louder in choir or The voices of women comprise three registers called CHEST, MEDIUM, chorus, the chest register is forced to a pitch higher than its proper compass. Such forcing of voice is not only injurious to it, hut is also, in most eases, productive of a quality of tone approaching to a howl, which will blend with no other tone and which is painfully disagreeable.

‡ Some theorists find an exact correspondency in regard to registers, between women's and

<sup>\*</sup> The leading teachers for the last quarter of a century, and especially Garcia, on whom we men's voices.

in singing or oratorical exercises, for the youal organs may at this time and this in the use of the youel most favorable to that register, he injured beyond recovery. Children usually speak in medium or head In this work of equalization the yowel a is very generally used; but

register.

attention. But if the ehest tones are feeble, hard or husky, those of the thus, a, a, e, o, oo, medium register may receive previous attention, leaving those of the chest The relative dimensions of the oral eavity (interior mouth), and also should be in turn exercised so that there may be a simultaneous improve-largest dimensions. ment through the whole voeal compass. The proper blending of the ehest and medium registers in women's voices so as to render the two homogeneous, though often a very difficult work, is highly important to future suecess. The tones should be firmly and decidedly taken, but never forced; mere loudness should not be sought for in this conneetion, but rather gentleness, truthfulness of register, and purity of tone. In the course of vocal culture the student should acquire the control of the different registers, and be able to some extent to interchange their border tones at discretion.

ing up the chest register to a pitch too high for its natural compass, few for whom nature herself seems well high to have perfected the work. especially when excited by singing in chorus, as in schools or class- and whose voices throughout their whole compass are clastic, resilient. es. During the change of voice which usually takes place in girls and comparatively free from breaks or gaps, and at the same time of good at from fourteen to sixteen, and in boys from fifteen to eighteen timbre. The pitch with which the student should commence this work, years of age. (varying much in different individuals), it should be is that which has generally been found to be the most natural and easy in used very sparingly, and with much caution, or better not at all, either the particular register to which attention is being directed at the time.

different teachers employ different vowels, in accordance with their EQUALIZATION OF THE VOICE.—The work of vocal culture by the own experience, and the various conditions of the vocal capacities and equalization of the registers, the voice being sufficiently mature, should habits of their pupils. Each of the vowels should receive eareful attention ordinarily commence with the tones of the chest, which may be regarded during the training process. Especially should the student be made as the ground work of the voice, and this register may receive consider- familiar with the five leading or principal sounds of most languages, able degree of development, so that the student shall become somewhat represented in general, in the continental languages of Europe, by the efficient in their use, before the tones of the medium register receive much letters a, e, i, o, u; represented, with pronunciation marked, in English

to a later period. The practice of one register does not develop another: of the orifice of the lips in the production of these vowels, are thus given neither should be trained for any considerable time exclusively, but each by Dr. Carpenter in his work on Physiology; the figure 5 expressing the

ORIFIC	Œ	OF	TI	E LIPS.	1	OR	AL	$\mathbf{C}A$	VΙ	TY.
ä				5	Í	ä				5
ā				4		ō				4
ē				3		60				3
ō				2		ā		٠		2
co				1	1	ē				- 1

After some satisfactory progress has been made in the right use of the voice, in a good quality of tone or timbre, and also in a suitable The proper formation or organization of the voice requires such a connection or blending of the registers, and the foundation has been laid union of the registers, by equalization or adjustment of the tones border- for the superstructure of art-song, four of these are mostly laid aside, and ing on each, as will enable the singer to pass, so far as may be required, the pupils pursue their onward course in the acquisition of clasticity of unobserved from one to another in the ordinary course of closely con-voice, agility of execution, and the tasteful requirements of song, in the neeted, or legate song. The process of this equalization of the voice is use of the great sound, the father of sounds, and the most natural of all one which may not be liurried, but which, in most eases, requires a long human sounds, a, which is henceforth their principal reliance for practice, in much patience and perseverance. There are, however, some training purposes. "To produce this sound," says Dr. Francis Lieber,

"the mouth is merely opened, without the contraction or extension which, unless there be some natural defect in the formation of the vocal necessarily accompaning the utterance of either of the other yowels." It organs, are common in some degree to all, and which are so distinctly seems to be peculiar to man: "for," says the same writer, "it is very rarely marked that they may be regarded as generically distinct. Others are for the predominating sound in the cries of animals. In these, the sound ee, the most part borrowed from these and are but modifications of them. ave, u, and a, generally prevail. We do not include the sounds of sing-These two are denominated the CLEAR TIMBRE, and the SOMBRE TIMBRE. ing birds, which are inarticulate music, like that of wind instruments. is generally speaking, the favorite sound of singers, because it is the most musical and full, of those which the mouth of man can utter." Hence it has always been used by teachers as the best sound for drawing out and perfecting the human voice.

In training the voice to equality throughout, the various exercisesshould be sung, successively raising the pitch of each by chromatic glottis, degrees: that is, an exercise, if first sung in C, should be repeated in Db. then in D, then in Eb, etc., so as to embrace the whole vocal compass.

QUALITY OR TIMIRE OF VOICE.—These words may be regarded as favoring a greater force of breath. nearly synonymous. No two voices are in all respects alike as to quality of tone, or timbre: every voice has its own distinctive peculiarity or characteristic quality, resulting from physical or mental condition, and especially from an habitual use or movement of the vocal organs. It is not possible, by description in words, to convey a clear idea of the quality of the voice, to one who has not had the opportunity of previously hearing and closely observing the reality. An attempt to do this may be likened to an endeavor to convey an idea of the peculiar fragrance of the the soft palate or back part of the mouth. Thus the passage will be rose, or flavor of the peach, by similar means. Neither of these is possible, widened, favoring a greater volume of air. nor can any definite idea of the peculiar quality of tones be thus communicated. The knowledge of the fragrance of the rose can be conveyed afford aid. Thus the word clear signifies unclouded, lucid, making only by the rose itself, and the flavor of the peach, the peach alone can known, etc., and the clear timbre will be felt to be appropriate to the tell. So one cau only become acquainted with tones through tones, or expression of the brilliant, the cheerful, the penetrating, the energetic, with the quality of tones through the quality of tones. It is not difficult, the bold, etc. The word sombre, on the contrary, signifies shade or shadow, however, upon hearing tones to decide which are pleasing and which are and the shaded, sombre tone will be felt to be appropriate to the expresunpleasing; as, for example, neither a deep guttural tone on the one hand, nor a sharp nasal tone on the other, (both of which are readily received) some ever efford delicht. There are two qualities of tone perceived) can ever afford delight. There are two qualities of tone, in the degree of flexibility and smoothness in the cartilages of the larynx."

An attempt to describe the position or action of some of the princi-The regularly arched roof of the human mouth, and the other fine organs pal vocal organs employed, and also an explanation of the terms themof speech, with which the Creator has blessed mankind above all lower or-selves, may help to a perception of what is meant by these two qualities ders of animals, are necessary to pronounce the melodious sound a. This of voice.\* The production of the Clear Timbre will, in general, require:

I. The contraction and elongation of the pharynx.

II. The rising of the larvnx.

III. The fall of the soft palate or veil of the palate. IV. The rising of the back part or roots of the tongue.

V. The drawing near together, or the partial close of the lips of the

VI. The direction of the column of air high, causing it to strike against the hard palate, or roof of the mouth. Thus the passage will be narrowed,

On the contrary, the production of the Sombre Timbre will require:

I. The spreading out or widening of the pharynx.

II. The falling of the larvnx.

III. The rising of the soft palate or veil of the palate.

IV. The full opening of the back part or roots of the tongue.

V. The full opening of the lips of the glottis.

VI. The direction of the column of air low, causing it to strike against

Again, the ordinary signification of the words, clear and sombre, may

for the expression of joyful emotions.

of these terms, cannot be communicated by any attempt at description. It ing; in the latter it should be more marked. must be given by example, and be received by imitation; in this way emphatically true that

"By hearing only we can know What it is we have to do."

"The characteristic qualities of every well formed voice," says an or those which lack energy in the action of the vocal organs, experienced teacher of singing, "are clearness, purity, fullness, sweetness. a ringing quality, with warmth, breadth, and richness." This is the principal; others are for the most part but modifications of these, undoubtedly true in the sense intended by the writer; but what may be been so repeatedly heard as to be known.

LEGATO—In this form of vocalizing, the voice is carefully sustained character of the music, etc., to which it is applied. throughout the required duration of the tone; in passing from one tone to another it admits of no break or gap to interfere, or interrupt the conregarded as subordinate.

pulse, or a clear, distinct and independent delivery, but yet without any emotions of him who gave it utterance. positive separation of one tone from another. In its production a slight The knowledge of these organs, always valuable, is especially so to pressure of the diaphragm will be made, and the pharynx will evince a the teacher; but yet exclusive reliance, independent of vocal illustration slight expansion. It may be attained by a repetition of the same vowel, and example presenting the reality, must not be placed upon any of the as a or ha, to each tone of a passage, but without any distinctive utterance technicalities of physiological or anatomical science. of the aspirate h. This form of vocalization is called MARKED or MARKEL- The appreciation of sounds belongs rather to man's intuitional sphere

sion of the meditative, the sympathetic, the tender, the affectionate, etc. LATA. Its practice will tend to correct a frequent, but had, habit in uned-The true singer will never employ that which is called technically, the clear ucated singers, of so tying or running together the tones as to prevent tone, for the expression of tender sentiments or feelings, nor the sombre all tone articulation. Such running passages as often occur in Handel should be sung Martellata; but a very considerable difference should be But the true idea of the symbre and the clear, in the technical meaning observed in this form of vocalizing as applied to solo or to charus sing-

Third. Detached Tones: STACCATO.—A third form or manner of tone only can it be made practical to the student, for in music it is most utterance is the detached, or Staccato. This is so well known as to render any attempt at description unnecessary. To produce a perfect staccato, each tone should be attacked by a distinct stroke of the glottis. Both the martellata and staccato afford a good practice for feeble voices,

There are also other forms of vocal delivery, but these three embrace

PORTAMENTO.—By this is meant the binding together of tones in slow meant by these terms in their application to tones, especially in their movements, or the carriage or transfer of the voice from one tone-pitch combination, may not be easily appreciated until the well formed voice has to another, in a close, connected manner, or by a very delicate concrete glance or slide, so that the one seems to take hold of, or be melted into Vocalization—Form of Vocal Delivery.—First, Connected Tones; the other. The portamento varies in accordance with different intervals.

tinuity or smoothness of the voice. It is opposed to all jerks or sudden cription of the vocal organs or their action, in the production of sound. arrests by which tones are cut up or disunited, and is also equally at Some of the leading ones only have been briefly noticed, as the lungs, or variance with all drawling, confused or indistinct vocal delivery. It con-breath-supplying apparatus; the larynx, or human music-box, with its stitutes the predominant feature by which song is distinguished from opening, the glottis, whence the sound issues and passes more or less speech, and to this, other forms of vocalizing, though important, are forcibly into the chambers of the pharynx, there to undergo in part, or as far as needful, that modification by which, as it moves on through the Second, Marked Tone; MARTELLATA.—A second form or manner of free and open mouth, aided by the reverberating palate, by tongue, teeth, tone utterance, may be characterized as giving to each tone a slight im- or lips, it is prepared to meet the appreciative ear, revealing the varied

of knowledge than to scientific analysis. Example, or the presentation valuable, but it should be well guarded, lest it lead to a roughness of of the reality, should therefore begin and should continue through the speech undesirable. A careful training to the proper utterance of conwhole course of musical instruction. It is said of John Sebastian Bach, sonants in connection with vowels, is commended as an important exerthat, after giving his pupils an example of what he desired them to do, cise, but avoiding, for the most part, such stifled, guttural, gurgling, he would say, "Do so," or "Do as I do," This direction of the great muttering sounds as belong to the mere animal, rather than to the organist is equally applicable to the teacher of song, and, indeed, of almost human voice. A terminating consonant should be given with energy but any other department of instruction, and he who assumes the high office with great delicacy and quickness, and with no more force than is necesof teacher, assumes also the responsibility of giving instruction by his sary to identify a word. It may perhaps be said, that the vigor sometimes own example.

Words and Tones in Union.—Upon the vowels only, open and clear, The complaint is often made of song, that the words cannot be under-

not otherwise be expressed.\*

articulating organs, if judiciously conducted, is undoubtedly highly the noble art.

\* See Song Garden, Part II, Chap. XV, p. 17.

spent ou consonants might better be transferred to the yowels.

should the voice be allowed to dwell; they should be given with the stood. There certainly can be no sufficient excuse for the singer, who greatest accuracy, and should remain, through their entire duration, does not give utterance to words in as clear and articulate a manner as unchanged. It is a common fault in singing, especially of such yowels as the proper delivery of the tones will allow. But it is often a difficult are of a diphthougal character, to pass from the radical to the vanishing thing to reconcile the comparative roughness, even of a well ordered sound, dwelling more or less upon the latter, before the termination of speech, with the smoothness and easy flow of tones required in connected or the word; but only at the instant of the passing of the word from the legato song. It must be considered that when words are sung, their mouth, should the vanishing sound be heard. Whatever of feeling may utterance comes under, and must be regulated by, music's laws; and that be thrown into the song, or be drawn out by it, must be in connection with sometimes, though not often, these laws conflict with those of elecution. the open radical sound; the vowels only sing, and in song, emotion may In such a case, which must submit? Undoubtedly the latter, or rebellion or secession must follow. Let the accomplished singer do his best, and The consonants, upon which the identity of words essentially depends, there will occur passages in which the length, the pitch, and the force of should be uttered at the very instant required, with great precision and a tone or all combined, will be so unfavorable to utterance, as to render nicety, so as to be readily distinguished, giving specificness to words; it impossible that the word should be understood. Besides, there are but with no more force or breath than may be required for this purpose, times when this understanding of the word is not necessary to the high-They should be regarded not so much as distinct or independent elements est end of song; as for example, when the hearer has already in his mind of language, but rather as subordinate to vowels, or as mere borders or the full comprehension of the subject or text, and when nothing remains edges of words, giving to them form, exactness, and significance. In for the singer to do but to exert the power of music, and, by tones arsong they are a necessary inconvenience, and not easily well managed, tistically arranged and managed, to intensify emotion which has already It is difficult to say which is the greater fault, the almost total failure to been awakened by the poetry. Without attempting to justify the "vain enunciate the consonants, and thus the loss the of word itself, or on the repetitions" of many writers of music, who that has ever listened to the other extreme, the utterance of them with such aspirated, labial, dental, songs of the most truthful composers, or especially to the great choruses palatal or guttural indistinctness, as alike to render unintelligible both of Handel, does not comprehend this? Let not these remarks, however, tones and words. The practice of drilling upon the consonants separate be so interpreted as to justify in the least such persons, as, through ignofrom any vowel, as a gymnastic exercise for the discipline of the rance of the requirements of both poetry and music, inworthily attempt

There is a manner of singing which prevails to a limited extent in

some places, which, for the purpose of removing the difficulty of an feelings, he may then find additional aid in the intensification of emotion. semicolon, or colon, called "minding the stops," annihilates both words it not a great work to read, to speak, or to sing well? and music. But it cannot be that a practice so utterly at war with all Universal Chorus.—The writer can hardly, in justice to himself, close portunities of instruction now so generally afforded.

words

priate expression.

can be no geniune, truthful expression of the lips.

. For starry science feels her power is vain, Until the sovereign heart her varone attain.

When one is well grounded in a general tasteful culture, has formed habits of correctness and elegance in the technicals of speech, as well as song, and has also ready to break forth, sensitive, tender and sympathetic

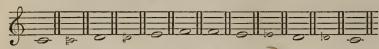
understanding of the words, causes them to be cut up into syllabic and and in the various shadings which it requires, from a knowledge of the semi-syllabic utterances most offensive, and at the same time, by interrup- mechanism and movements of such vocal organs, as may be more immeditions of the time-movement, stoppings and cuttings up the tones for comma, ately employed in giving color or intensity to emotional expression. Is

good taste and usage, should find favor with those who have had the on- these brief and imperfect remarks on vocal culture, without affixing his insignia in the form of a few words on universal chorus, or congregational The singer should deliver the words with as clear an articulation as singing as an act of public worship. If what has been said in this article proper and tasteful song utterance will allow; and with this the hearer is an approximation to the truth, it is obvious that the great song of the should be abundantly satisfied, as he surely will be, if, ignoring criticism. people can never be reached through any attempt at artistic culture. Its he gives himself up to the legitimate end of song, the expression or true value, therefore, must rest upon other considerations than those arisimpression of feeling receiving its particular or definite direction from ing out of any considerable attainments in theoretic, or artistic music. Happily, the true end of the song service of worship depends not upon Expression.—On this subject it may be observed, that (although it any attraction which music in itself may present as the result of science or has sometimes been attempted), no rules can be given for such a mechani-skill; so far from it, that a display of either in church, is most certain to cal movement or adjustment of the physical organs, as in their most care-lattract attention to itself, or to music in itself considered, thus drawing ful observance, independently, will ensure an elegant, tasteful and appro- away the mind from Him to whom alone all religious worship is due, and substituting the means for the end, the external for the internal, the form So also in music's sister art, a man may become intellectually for the reality. This is not the place to discuss the merits or demerits of acquainted with all the books which have been written on elecution, he plain congregational singing, or that of a more cultivated choir performmay even write well upon the subject and become an accomplished ance. Each, for certain purposes and under proper circumstances, has its theoretical elocutionist, and yet, with voice and organs faultless, from excellences. The latter should receive the culture which is due to music want of the previous necessary esthetic culture, fail in that speech which as the "highest of the fine arts," and the former, after its humble manner, moves the soul. And in music one may in like manner acquire all the should unite the hearts and the voices of all such as seek, not for musical knowledge of the vocal capacities which science can furnish, all which gratification, but for religious edification, in the psalmody of public the technicalities of art can supply, and yet fail, unless there be the worship. When the true office and value of congregational singing shall groundwork of a general tasteful cultivation, and also that which after be universally appreciated as being in connection with the words, a proall, and above all, is indispensable, a feeling heart, without which there fessed act of worship, or when all the people shall stand up and join in the song with heart and voice as one man, when no one in the assembly shall be left to criticise and find fault, but every one shall participate, worshiping in spirit and in truth, then will the claims and the practicability of the universal Hallclujah be acknowledged, and the House of the Lord will resound with songs of adoration and praise.

<sup>\*</sup> See an essay on "The Origin and Function of Music," by Herbert Spencer.

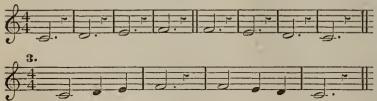
## LESSONS ILLUSTRATIVE OF THE DIFFERENT REGISTERS, ETC.

1.—For the study of the Chest Register, women's voices.—Commence with the tone, the pitch of which is most easy to the pupil. Let each tone be taken separately by a slight stroke of the glottis. The vowel ä, or the syllable scä, or any other vowel, or monosyllable, by which the truthfulness of the register may be taken. The chromatic series, as indicated by the small notes, may be omitted at first, if preferred. No regular time-movement need to be observed in this exercise, its object being merely to bring out the chest tones.



Tones lower in pitch may also be employed.

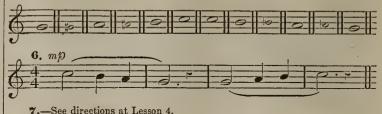
2.—Let the lessons 2, 3 and 4 be sung first in C, as written, afterwards in Db, also in B and in Bb. Time to be observed.



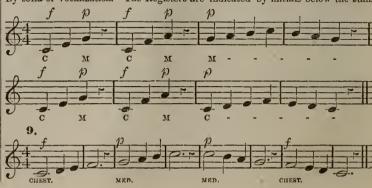
4.—The first tonc in each phrase to be taken by a slight stroke of the glottis; the remainder by a gentle pressure of the diaphragm, the pharynx sympathizing in the action. Sec *Martellata*.



5.—For the study of the Medium Register.—Each tone to be taken separately by a slight stroke of the glottis, and to such vowel or syllable as may be found best adapted to the student.



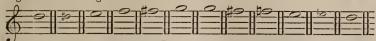
8.—Passing from Chest to Medium.—Carefully observe the dynamic marks. By solfa or vocalization. The Registers are indicated by initials below the staff.



10.—Medium voice carried down within the ordinary compass of the Chest Renister.



11.—For the Head Register.—Each tone to be taken separately, and by a slight stroke of the glottis.



12.—The three registers contrasted.—Let each be kept distinct and clearly brought out.



13.—Let this lesson be sung in the Chest Register Forte, to the vowel  $\ddot{a}$ ; afterwards let it be sung in the Medium Register Piano, to the vowel  $\overline{oo}$ .

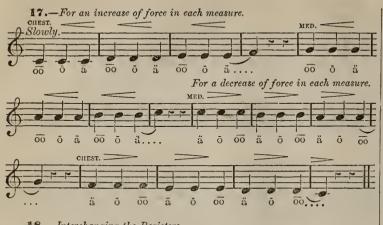


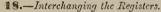
14.— Chest and Medium Registers interchanged.—The same accompaniment as at Lesson 13.















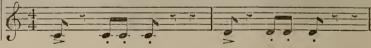
19.—Exercise of the Chest and Medium Register.—Be careful not to pronounce yä for ä. Open the mouth quickly, by letting the under jaw fall for the vowel ä, but be careful to preserve a smooth and gentle expression.



20.—Exercise for the stroke of the glottis and martellata, Chest Register.—For the first tone in each measure the syllable scä may be used, and for the second, ä; or the vowel ä may be used for both. The action of the diaphragm should be felt in the production of the second tone in each measure.



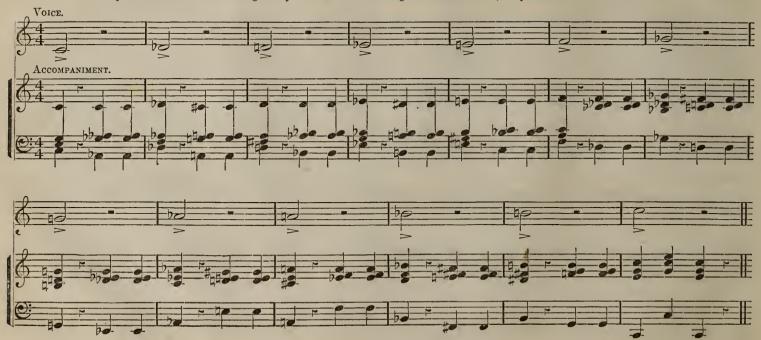
21.—Exercise for the stroke of the glottis and martellata. Chest Register.—Lessons 20 and 21 may be used at an interval of a fifth higher for the Medium Register.





The following Exercises (mostly from Panseron) are designed principally for the attainment of flexibility of the vocal organs, or for rapidity or agility, and neatness of execution. They should be practiced with much care and diligence, at first slowly, giving to each tone its just duration, intonation and force, not neglecting quality. Afterwards let the time be accelerated to any degree of quickness consistent with a clear and truthful delivery of the voice. The Student, who is already acquainted with the elements of music, or who can read music with tolerable facility, may with propriety commence the thorough study of singing in the use of these lessons.

25.—Emission of the voice.—Each tone to be given by a careful stroke of the glottis to the vowel ä, or syllable seä.



The following Exercises may be sung by vocalizing or by solfa. They should be sung, not only in the key of C, but in all such other keys in which they come within the easy compass of the voice, as Db, D, Eb, F, F\$, G, Ab; also at a lower pitch, as B, Bb, A, being careful, however, never to force the voice too high or too low. Attack the first tone by a gentle stroke of the glottis as indicated by >. Omit the small notes in the second measure at first, observing the rests: afterwards sing the lesson throughout. Sing slowly at first, and afterwards quicken the movement.





Exercises 31 and 32 should first be sung as in the following example (33), afterwards as written. This same manner of first separating a lesson into smaller portions may be well adopted in other similar exercises.



35.—Staccato.—Each tone to be taken by a stroke of the glottis.



36.—Repetition of the same tone to the same vowel.—"The method of executing these passages," says Garcia, "consists in a slight expiration of the air, given before the repetition of each note (tone.)" This expiration proceeds from the glottis, which allows a very small portion of insonorous air to escape between the two unisonous tones. The letter h is used to indicate the insonorous air, or the very slight aspirate which precedes the repeated tone. The student should be careful not to make but a trifle more of the h than a sign.

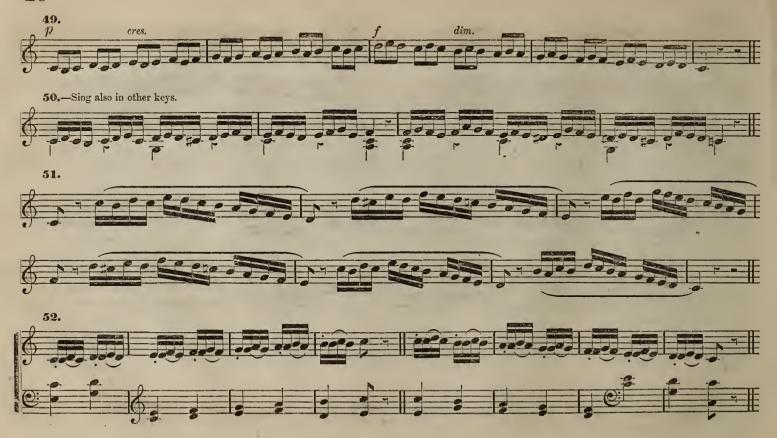


The aspirate, represented by the letter h in 36 and 37, may be at first slightly observed, but should gradually be discontinued, and the sound ä only be heard





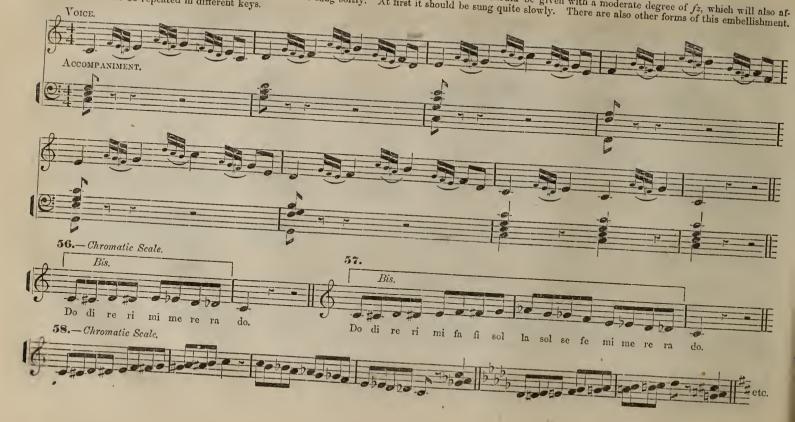






55.—Grupetto or Turn. The Grupetto or Turn consists of three tones, the first of which should be given with a moderate degree of fz, which will also after the exercise be repeated in different keys.

At first it should be sung quite slowly. There are also other forms of this embellishment.





61.—In this exercise the relation of the last tone in the ascending Scale, in each measure, is suddenly changed from eight to seven; thus, in the first measure, eight of the ascending Scale in the key of C, is changed in descending to seven in the key of Db, etc.



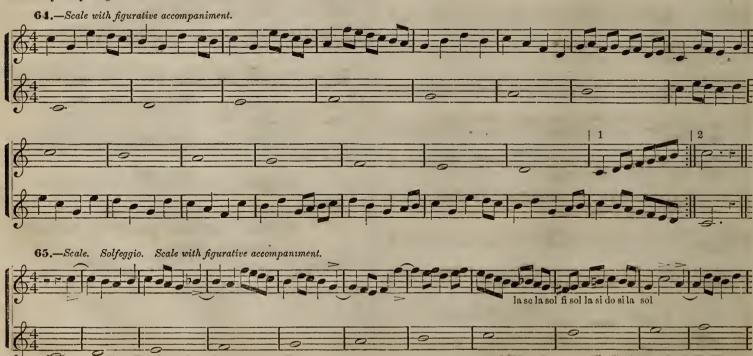


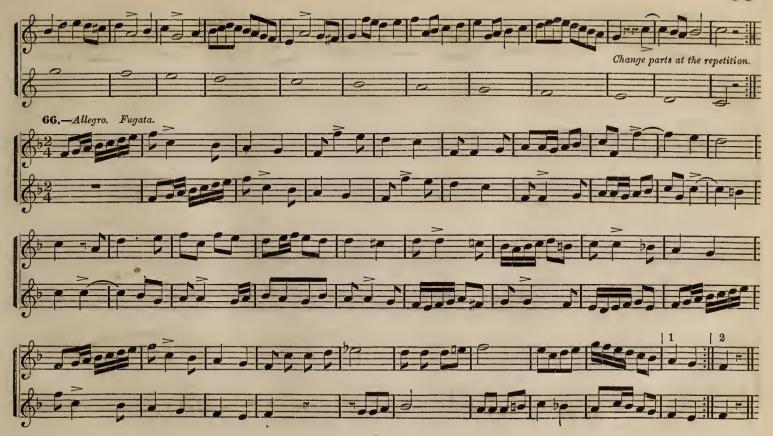
62.—Exercise preparatory to the thrill or shake.—Practise also in other keys, as Dz, D, Eb, E, F, F\$, &c.



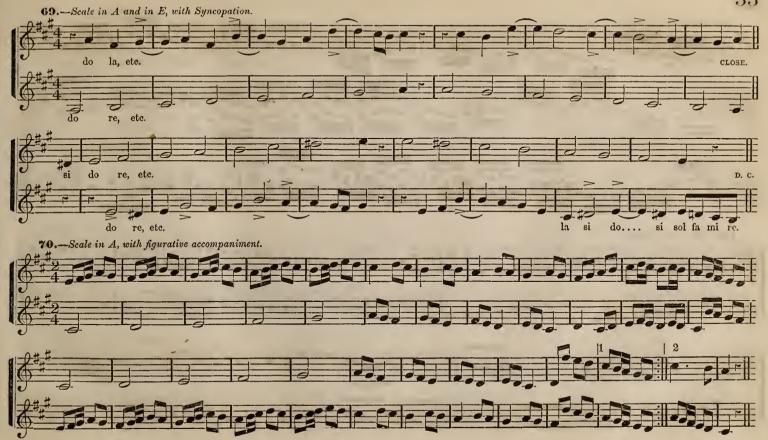


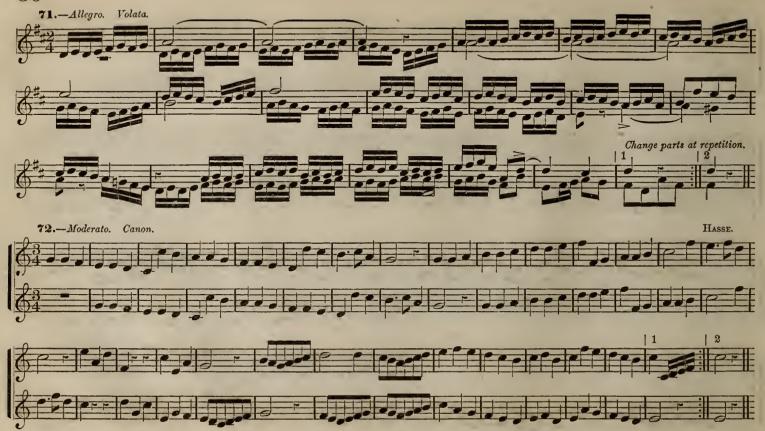
The few following Exercises are designed as an aid to the ready interpretation of musical characters, or reading music; and especially as leading to a practical knowledge of a figural or fugata relation of different voices in part-singing. More liberty, or freedom of movement, will be found in them than in ordinary plain counterpoint, while they are protected by an observance of the laws of harmony from the anarchy of false and offensive progression. They are also adapted to general improvement in musical knowledge and taste, and also to afford a present musical delight, which they will surely do wherever they are appreciatively and analytically sung.



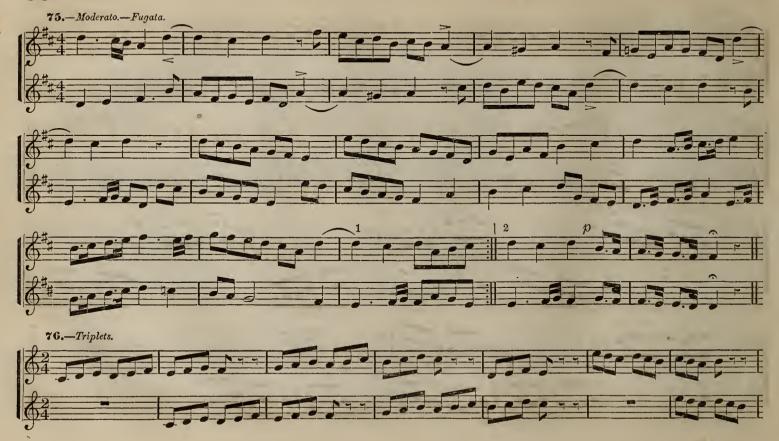


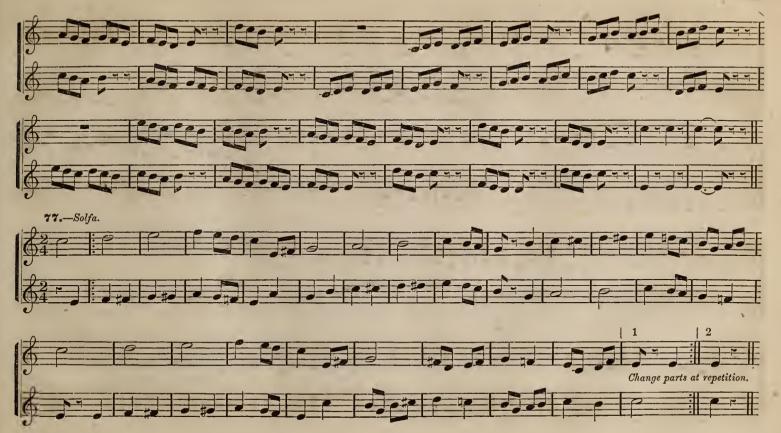


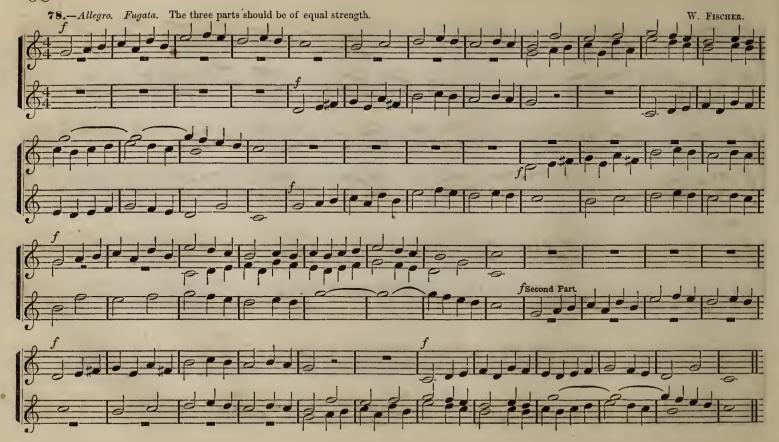


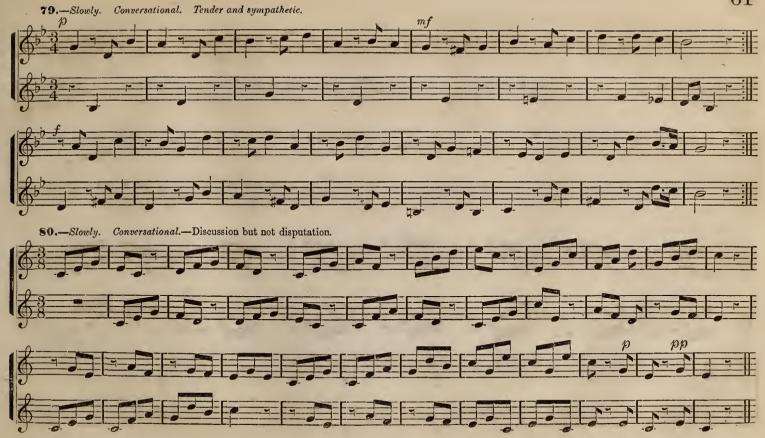




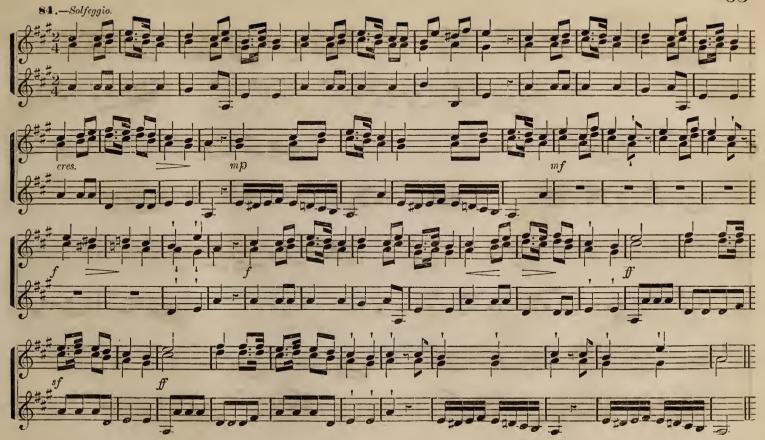






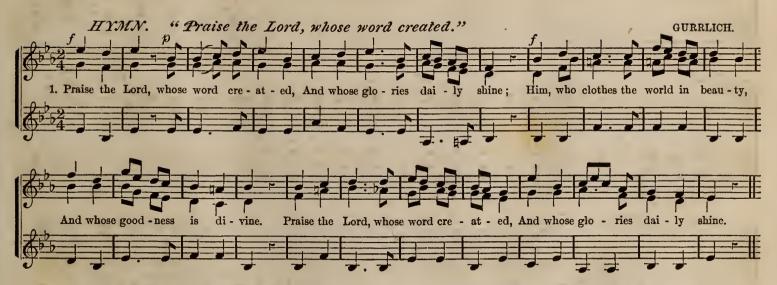








## THE SONG-GARDEN.

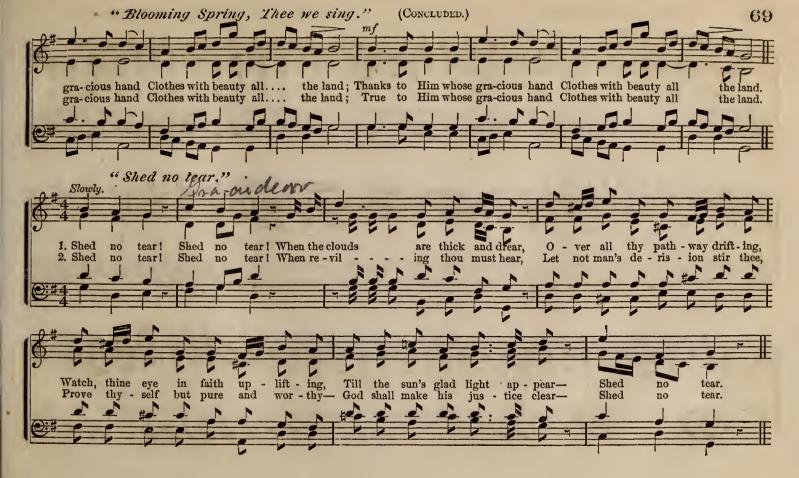


 Praise the Lord, with joy and gladness, Let our music grateful flow, Let our acts of love and kindness All our paths with mercy strew.
 Praise the Lord, whose word created, And whose glories daily shine.  Praise the Lord, whose word created, And whose goodness still sustains; And, when life's short day is ended, Praise in everlasting strains.
 Praise the Lord, whose word created, And whose glories daily shine.













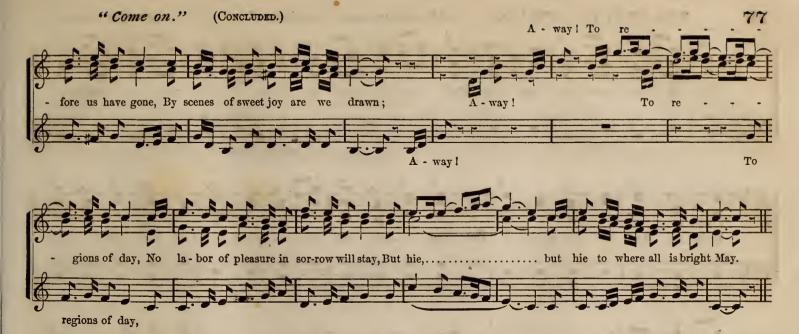








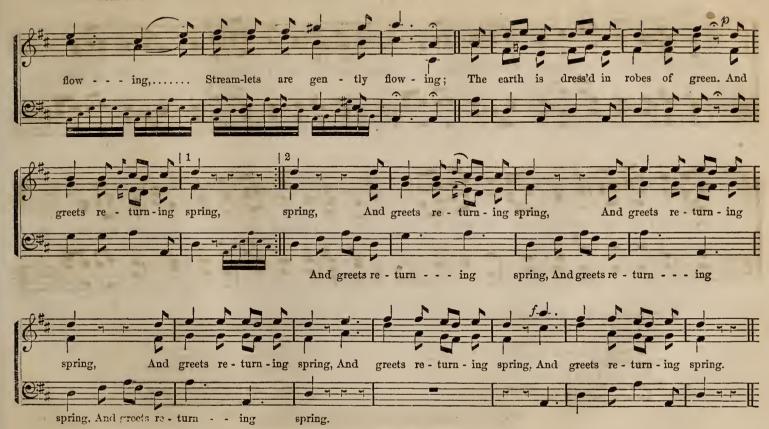




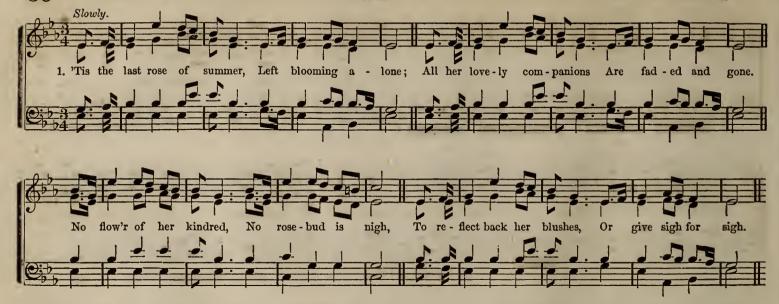
2. Bright joy
That ne'er will alloy,
And free from whatever our peace may annoy,
Waits all our heart's powers to employ;
Afar!
In pleasure's light car,
O hie to the regions where, bright as a star,
There happiness nothing can mar.

3. We'll go,
Where tempests that blow
In dreary dismay through this valley of woe,
No more we forever shall know;
Good cheer,
No more are we here,
We fly from each scene that can start the sad tear
To live where each day shall be clear.









2. I'll not leave thee, thou lone one,
To pine on the stem,
Since the lovely are sleeping,
Go, sleep thou with them.
Thus kindly I scatter
Thy leaves o'er the bed,
Where the mates of the garden
Lie scentless and dead.

3. Thus soon may I follow,
When friendships decay,
And from love's shining circle
The gems drop away!
When true hearts lie wither'd
And fond hearts have flown,
Oh! who then would inhabit
This bleak world alone.

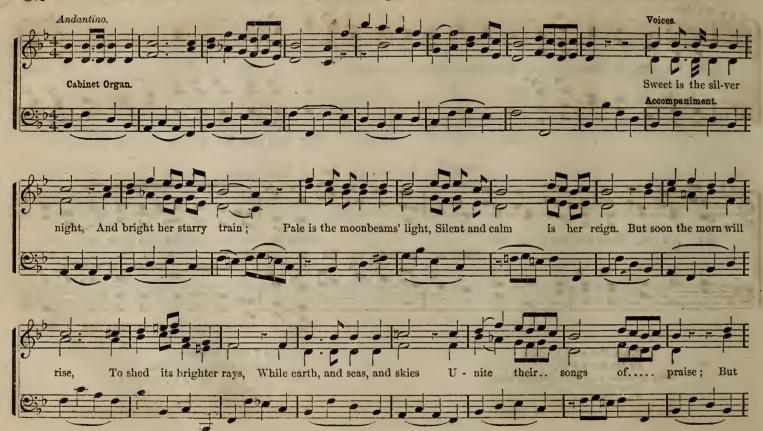
<sup>\*</sup> May be sung in three parts, by female voices, emitting the Tenor,

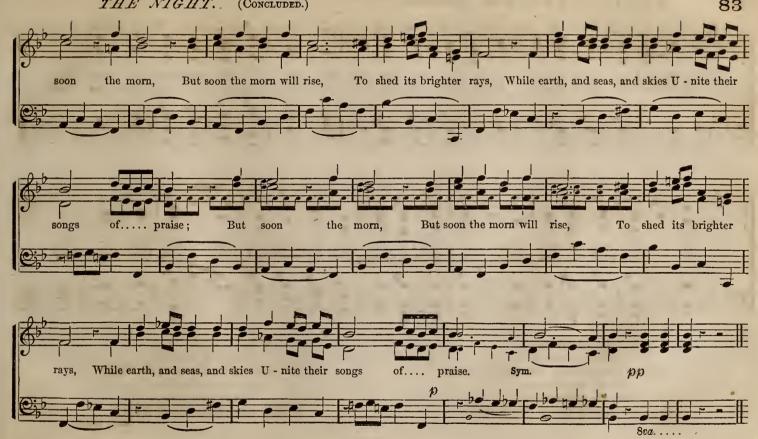




2. When the wind is chill. Or the air is still, Ever constant and cheerful you hover: Now you flit below, Then aloft you go, Not a grief in your song we discover.

3. If I could but be E'er so happy, like thee, Ah! could I, too, but fly my sorrow; In the sunny ray Of the summer day I would sport, nor would grieve for to-morrow.





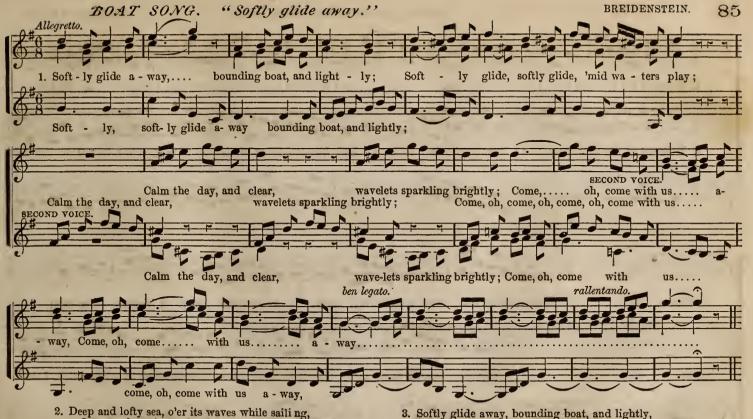




3. In their helplessness,
In their sinfulness,
Let them feel that thou canst love them still;
By thy watchfulness,
By thy prayerfulness,
They may learn to do our Father's will.

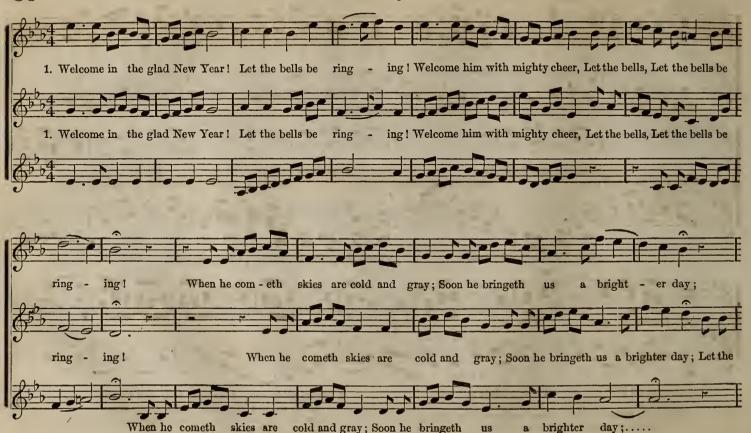


4. Thro' the wilderness,
Streams of tenderness
Pour from out thy fountain's full supply;
All the wretchedness
Turn to blessedness,
So shalt thou receive reward on high.



2. Deep and lofty sea, o'er its waves while sailing,
Ope new beauties, as by the shore we glide;
Here the meadows green, there cool groves prevailing,
Charms we see on either side.—Come, oh, come, etc.

3. Softly glide away, bounding boat, and lightly,
Softly glide, softly glide, 'mid waters play;
Calm the day and clear, wavelets sparkling brightly;
Come, oh come with us away.—Come, oh, come, etc.





2.

Usher in the bridal morn!

Let the bells be ringing!

When the infant heir is born,

Let the bells be ringing!

Sending notes of joy o'er hill and vale,

Echoes far away repeat the tale;

Let the bells be ringing!

3.

For the glorious battle won,

Let the bells be ringing!

For the deeds by heroes done,

Let the bells be ringing!

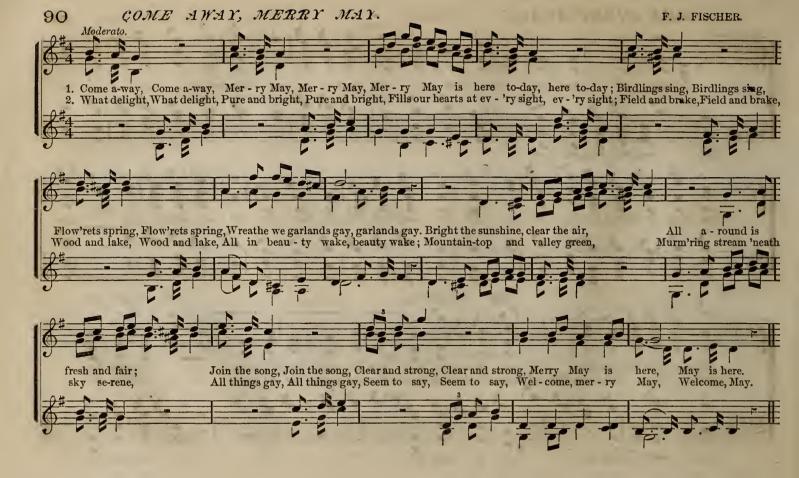
Hearts o'er all the land respond with cheer,

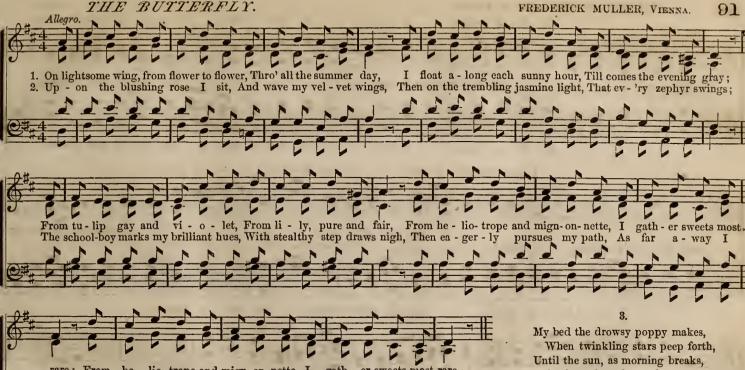
While the thrilling tones are sounding clear;

Let the bells be ringing!

MARIE MASON.



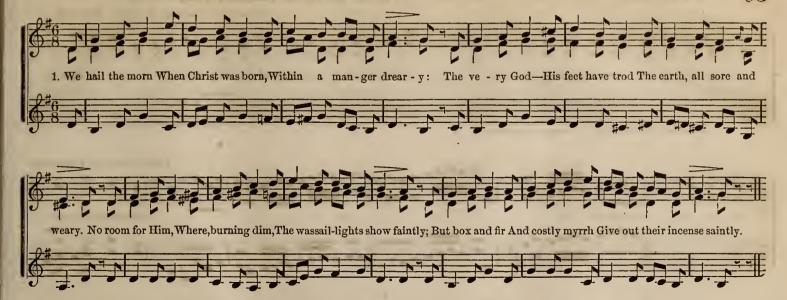




rare; From he - lio- trope and mign- on- nette gath - er sweets most rare. ea - ger - ly my path pursues, As far

Again revives the earth; Thus free from care and envious strife. I pass the summer hours: No winter has my pleasant life,-I perish with the flowers,



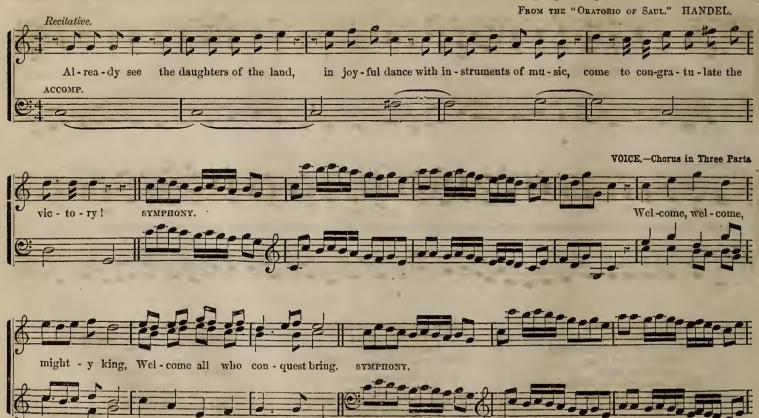


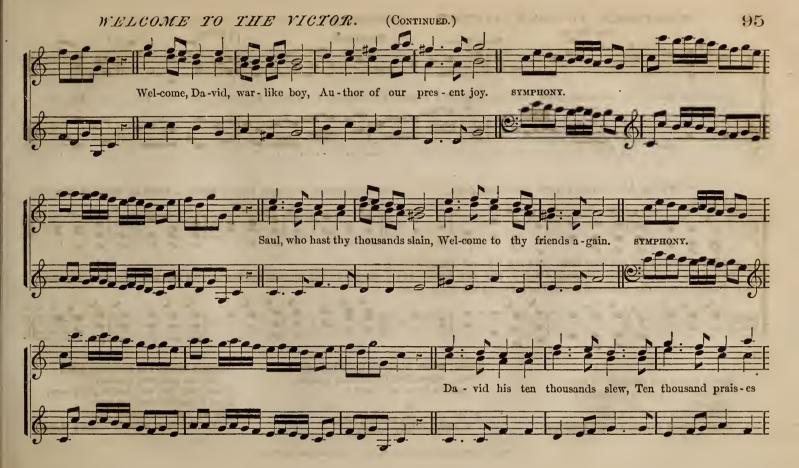
2. With tender grace
The infant face
Looks out on shepherds lowly,
While Orient king
And Magi bring
Their homage to the Holy.
Where Mary's eyes
In glad surprise

Above her Babe are bending,
The hidden mines
And spices' vines
Their loval gifts are sending.

3. On Christmas snows
The holly glows,—
The blood-stain'd berry bearing:
The spotless Lamb,

To earth that came,
Our scarlet shame is wearing.
The Babe divine
Whose eyes do shine
With pity never chary:
The Holy Child!
The Undefil'd!
The sinless Son of Mary!









2

Softly comes the thought of home!

Home! we prized so dearly!
Only once in life shall come
That dear word so nearly.
Home, where sunshine came unsought!

Home, where kindness lived unbought! Home, where first the mother taught Lessons loved so dearly!

3. As the years are passing on—Swiftly, swiftly passing!

Memory brings the blessings gone,
All our pathway tracing.
Tears may fall, and hearts grow sore,
Joys departed come no more,
Till we gain the farther shore,
O'er the river passing.—Marie Mason.

<sup>\*</sup> May be sung in three parts, by female voices, omitting the Tenor.





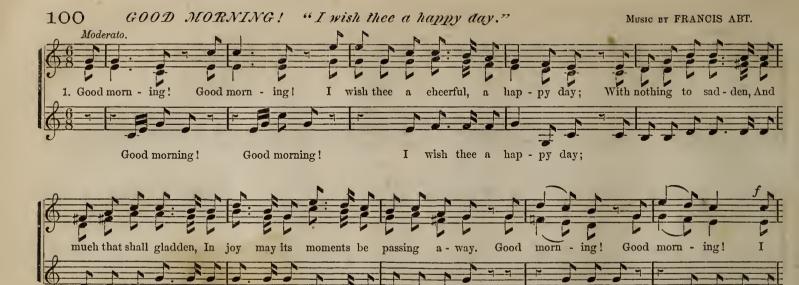


We, too, came from that lov'd dwelling, Where our longing eyes we raise, Where the starry choir are swelling Anthems to their Maker's praise.

Earthly beauties fade before us; Ev'n the stars shall fade on high; Brighter worlds are beaming o'er us, Rich with joys that never die.









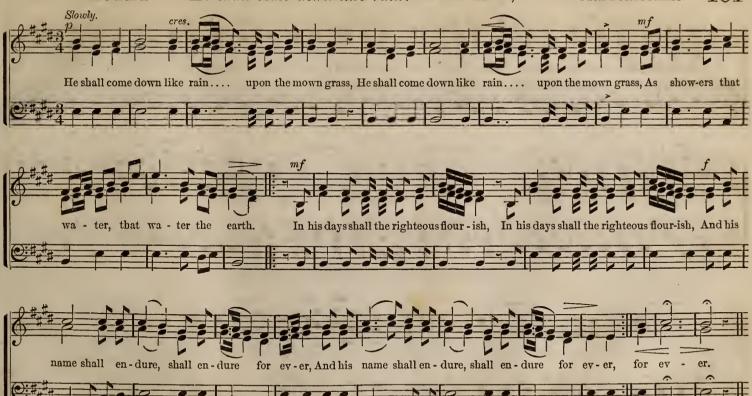
2. Good morning! I wish thee a diligent, busy day;
May labor befriend thee,
And blessing attend thee,
No idleness tempt thee from goodness to stray:
I wish thee a busy day.

Good morning!

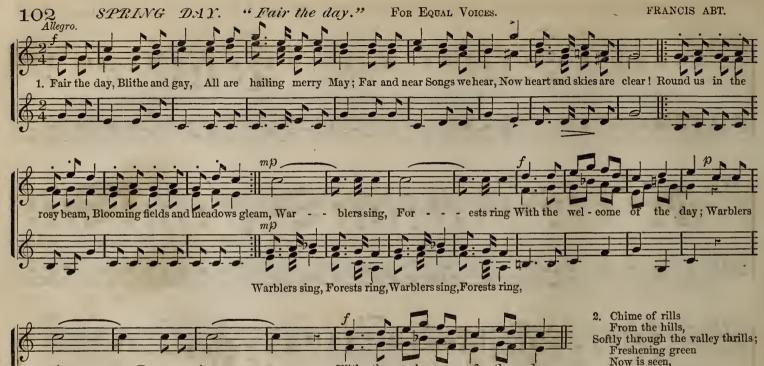
3. Good morning! I wish thee a peaceful, contented day,
No anger excite thee,
Nor error affright thee,
In love may its moments be passing away:

Good morning!

In love may its moments be passing away:
I wish thee a peaceful day.



\* May be sung in two or three parts. Base part may be sung by a female voice.





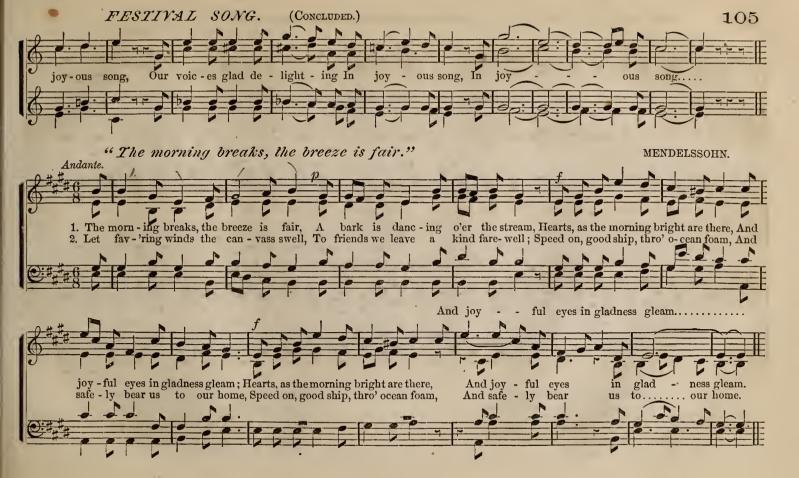
Freshening green
Now is seen,
All where the snows have been;
Old and young, a happy throng
Stroll the sunny vales along;
Bright the day,
Blithe and gay,
Hail we now the merry May.



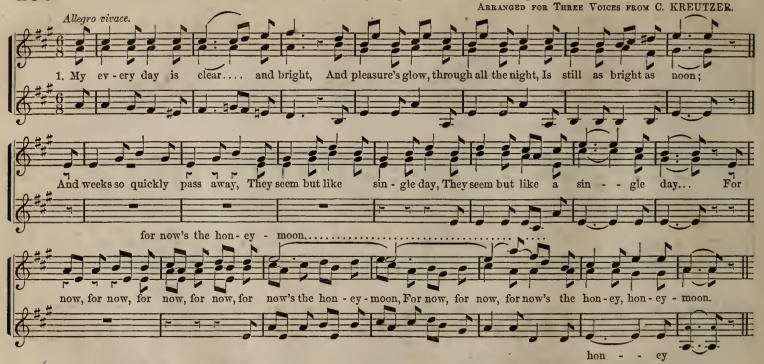
My sturdy oar shall lie in peace, Nor roughly wound thy silvery breast, Or cause a frown upon thy face: Then softly float,
My bonny boat,
Nor break this hour so calm,
With fearful, rude alarm.

<sup>\*</sup> The Base may be sung by female voices.



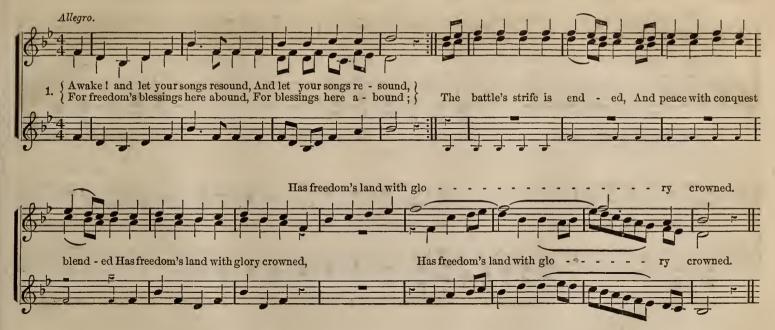






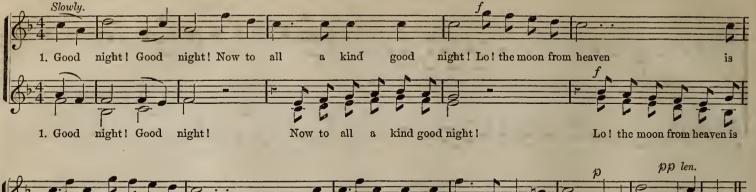
2. There's not an object I can meet,
But seems my eyes with smiles to greet,
As if my heart were known:
And every sound I chance to hear,
Pours heavenly music in my ear,
For now's the honey-moon.

3. There's many a day of laughing cheer,
And many a day when hope is clear,
But where is found a boon
That brings such smiles of present joy,
Such hopes of good without alloy,
As this, the honey-moon.



Let rocks, and hills, and valleys ring,
 Let hills and valleys ring,
 While grateful praise with joy we bring,
 While praise with joy we bring.
 To Him, the bounteous Giver,
 Be glory, honor, ever,
 While heart can feel, or voice can sing.

3. No more shall proud oppression stain,
No proud oppression stain,
Our nation's wide and rich domain,
Our wide and rich domain;
Here freedom's gladd'ning story
Shall ring in shouts of glory,
While honor, truth and love shall reign.





2. ||: Good night | :||
Now to all a kind good night |
Angel like, while earth is sleeping,
Stars above their watch are keeping,
As the Star of Bethlehem, bright |
||: Good night | :||

3. ||: Good night!
Now to all a kind good night!
Slumber sweetly till the morning,
Till the sun, the world adorning,
Rise in all his glorious might!
||: Good night!:||



- But gentle words and loving hearts, And hands to clasp mine own, Are better than the fairest flowers, Or stars that ever shone.
- 3. The sun may warm the grass to life,
   The dew the drooping flower;
   And eyes grow bright, that watch the light
   Of autumn's opening hour.
- But words that breathe of tenderness,
   And smiles we know are true,
   Are warmer than the summer time,
   And brighter than the dew.

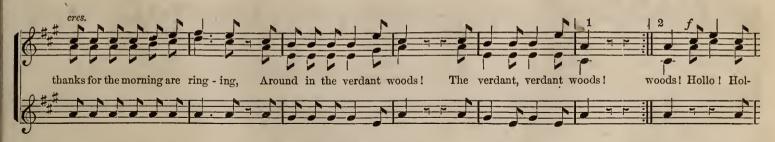






 There in soft fragrance wreathing, Frail and fleeting in their stay, Purity fondly breathing, Soon their brightness fleets away; Though, with effacing fingers,
Decay may sweep their precious bloom,
Yet in the bosom lingers
The blessing of their rich perfume.







2. Oh! how I love the woods!

The verdant, verdant woods!
Oh! how I love the woods!

The verdant, verdant woods!

Where light swinging branches are twinkling With dew-drops, that softly are sprinkling The leaves of the verdant woods!

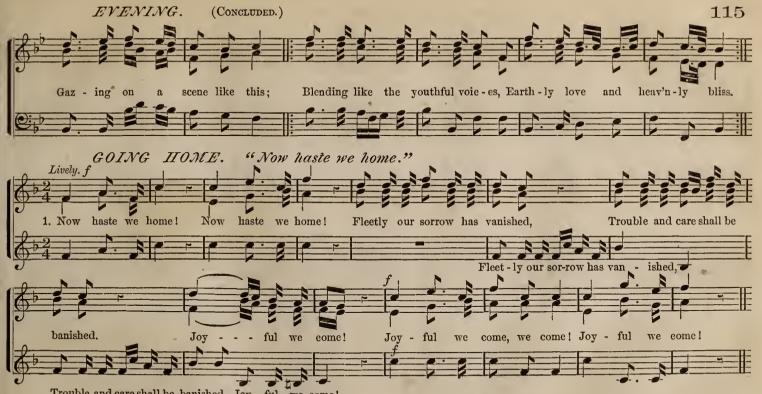
The verdant, verdant woods!

The verdant, verdant woods Hollo! etc.

The verdant, verdant woods!
Oh! come, then, to the woods!
The verdant, verdant woods!
Call echo, who dwells in the mountain,
To answer your voice from the fountain,
That springs in the verdant woods!
The verdant, verdant woods!
Hollo! etc.

3. Oh! come, then, to the woods!





Trouble and care shall be banished. Joy - ful we come!

2. Shouting and song!
Greet us in jubilant measure,
Visions of love and of pleasure
Lure us along!

- 3. Free as the air!
  Spirits in gladness are leaping,
  Hope springs again from her sleeping,
  Winning and fair!
- L. Now haste we home!

  Love twines about us forever,

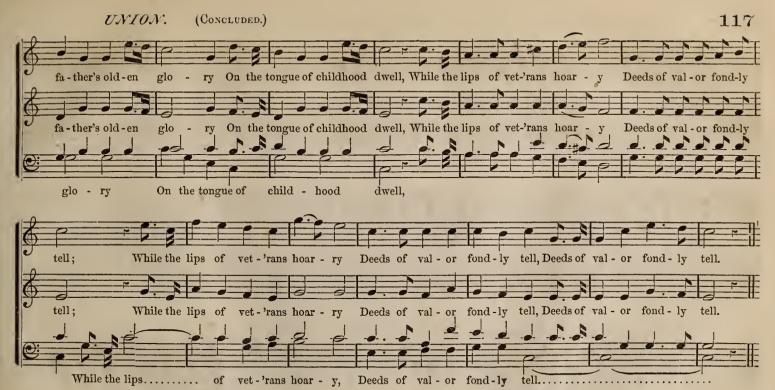
  Bonds that no absence may sever;

  Joyful we come!

## 116 UNION. "Let the song's loud proclamation."\*



<sup>\*</sup> May be sung in three parts by equal voices, emitting the Tenor.

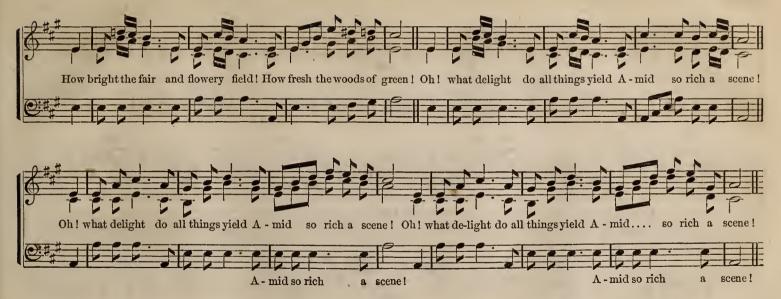


Then may peace and pure contentment
 In our borders e'er abide,
 May we fear no foe's resentment,
 Fear no rude assaults of pride;
 May we fear no foe's resentment,
 No assaults of pride.

If disunion seek to sever
Ties bequeathed by sire to son,
Let the song arise forever,
Heirs of freedom, we are one;
Let the song arise forever,
Heirs of freedom, we are one.







Yes, every spot is full of glee,

 Around this lofty hight;
 No griefs oppress, no cares annoy
 Beneath the morning light.
 How bright the fair and flowery field!
 How fresh the woods of green!

 Oh! what delight do all things yield,
 Amid so rich a scene.

3. My life is but a shepherd's lot,

I crave no broad estate,
While here my days with peace are fraught,
I care not to be great.
For bright the fair and flowery field,
And fresh the woods of green;
Oh! what delight do all things give
Amid so rich a scene!

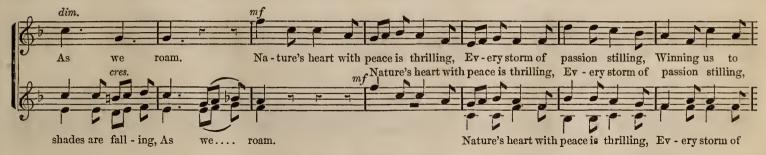


 And while I hear the organ pealing, And raptured voices shouting praise, While round the holy altar kneeling, The tranquil eye of prayer I raise, Sweet dews of heaven seem o'er me falling, Subduing all my soul to love; I seem to hear some scraph calling, To bid me join the choir above.

the welcome call

<sup>\*</sup> In two or three parts. The Base may be sung an octave higher, or by female voices.



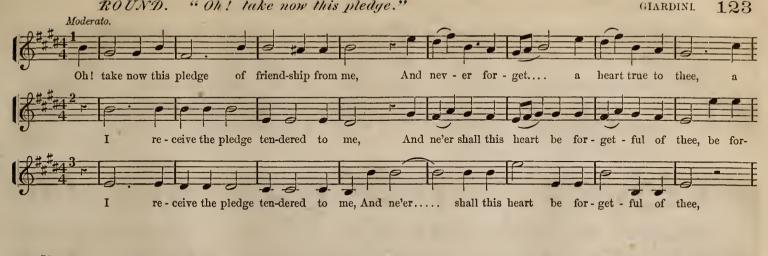




Mother-birds are softly cooing,
 Come, come home!
 Thus the tender birdlings wooing,
 Now to come.
 O'er the mountains night is coming,
 Calling us to cease from roaming,
 Coming, coming home!

MARIE MASON.





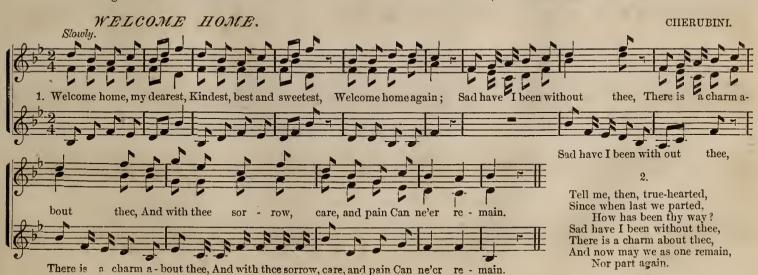




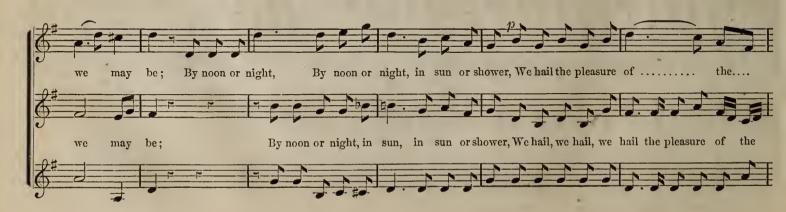


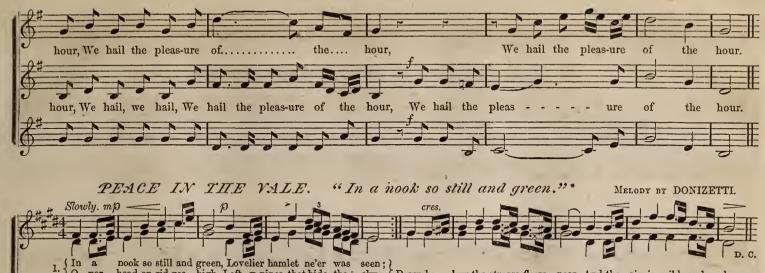
2. We walk to-day in peace beside each other. No tyrant smites the slave. No falsehood stabs, no traitor wounds his brother. For right now rules the brave.

3. Oh! freedom's day, glad hour of benediction. Shine o'er us warm and clear: Illumine earth till all, by sweet conviction Of love, shall banish fear,







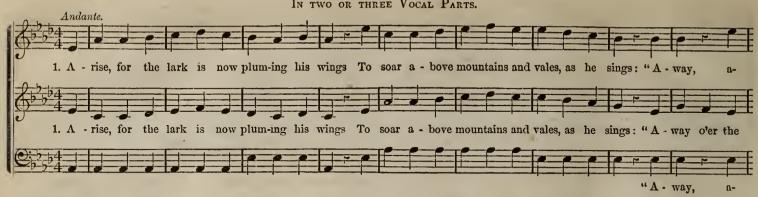


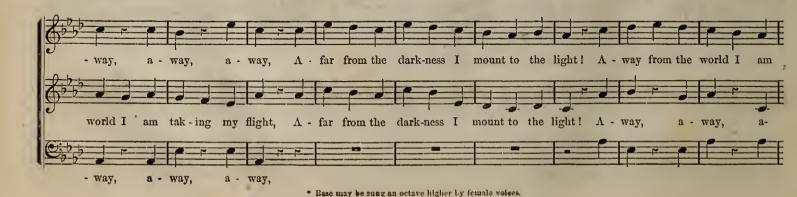
1. {In a nook so still and green, Lovelier hamlet ne'er was seen; }
1. {O - ver - head on rid-ges high, Loft - y pines, that hide the sky; } Down be - low the stream flows near, And the air is mild and clear;
1. D. c. Earth-ly cares may ne'er mo-lest, In this vale, my peace-ful rest.



 Joy within my heart shall dwell, 'Mid the seene I love so well, Shaded by the whispering trees Will I woo the dreamy breeze; Mountain, vale, and murm'ring rill, Shall with peace my spirit fill; Earthly cares may ne'er molest, In this vale, my peaceful breast.

<sup>\*</sup> May be sung in two or three parts, omitting the Base, or the Tenor and Base.







2. "Arise, and go with me as far as you may, Far up the high mountain that meeteth the day! Away where the rays of the morning shall bring A glory that only \[ \! from morning can spring. : \] 3. "Arise from your slumber, throw off all your care,
And carol a song on the fresh morning air!
Away in your freedom, away in your joy!
And sing with a gladness : that has no alloy.":





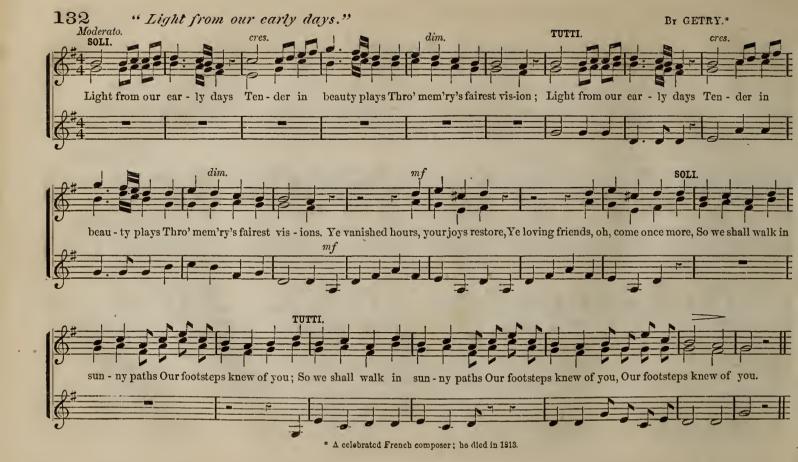


2. Not fettered by fashion, Or worried by pride, But full of compassion, With charity wide.

Kind deeds are her pleasure, Where'er she may roam, But most she's a treasure Within her own home. 3. What features adorn her I know not or eare,
The spirit within her
Gives loveliness rare.

Oh! where is she dwelling, This one I would win, Whose beauteous adorning Shines out from within?

<sup>\*</sup> May be sung in two parts, omitting the Base.





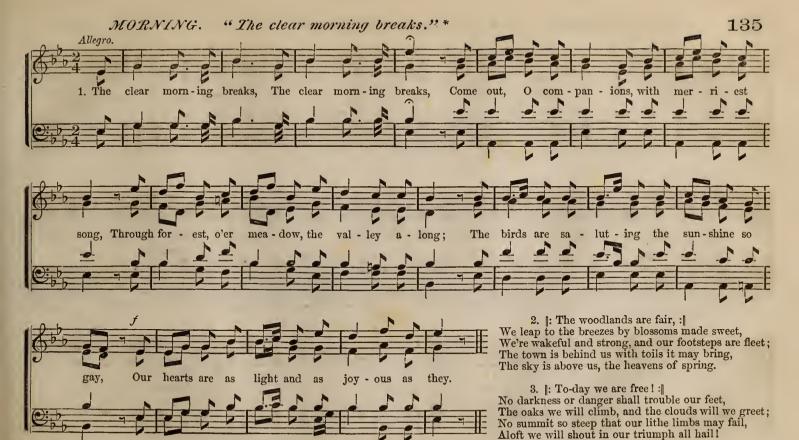




- In all the changes earth may bring,
   Of fond delight or pain,
   No song of folly he shall sing,
   His lips will not complain.
   When truth in peril claims his aid,
   When want or terror pleads,
   His faithful arm cannot be staid
   From brave and tender deeds.
- 3. So may our steadfast feet be found
  In honor's lofty ways,
  Though envy, sneer, and malice wound,
  And friendship faintly praise:
  With feeble hands we wage no fight,
  We break no brotherhood;
  Yet strike we boldly for the right,
  The just, the true, and good.

<sup>\*</sup> May be sung in two parts, or by three equal voices, omitting the Tenor.

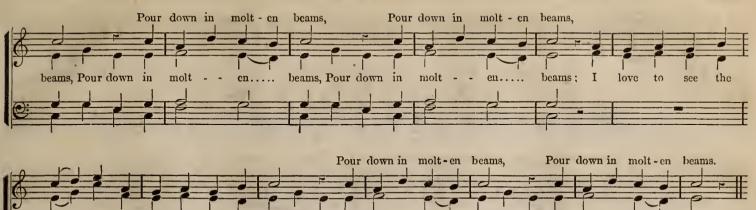




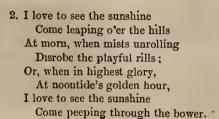
<sup>•</sup> May be sung by female voices in three parts by emitting the Tener.



beams.



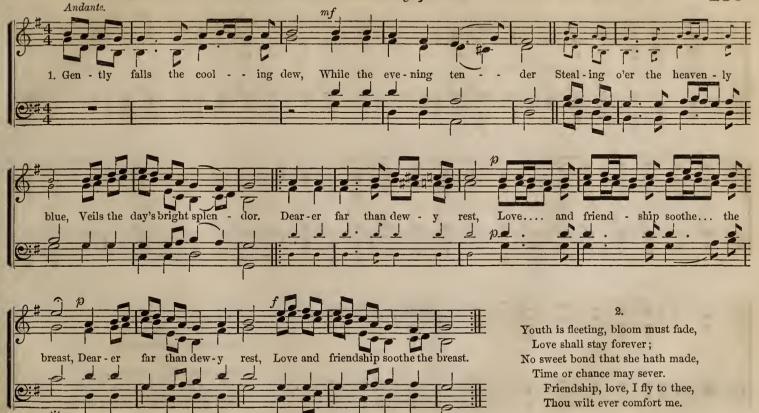
sun - shine Pour down in molt - en beams, Pour down in molt - en... beams, Pour down in molt -



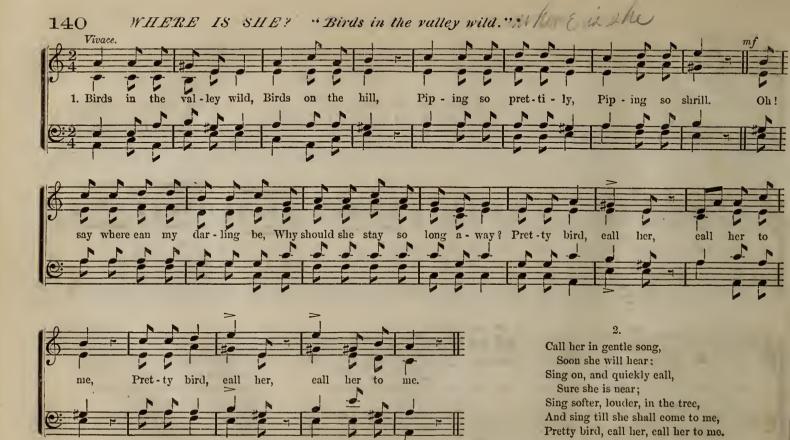
I love the happy sunshine,
 When fading in the west,
 With hosts of brilliant cloudlets
 Assembled round its crest;
 And when its beams, departed,
 Reflected are on high,
 I love these gems of sunshine
 That spangle in the sky.



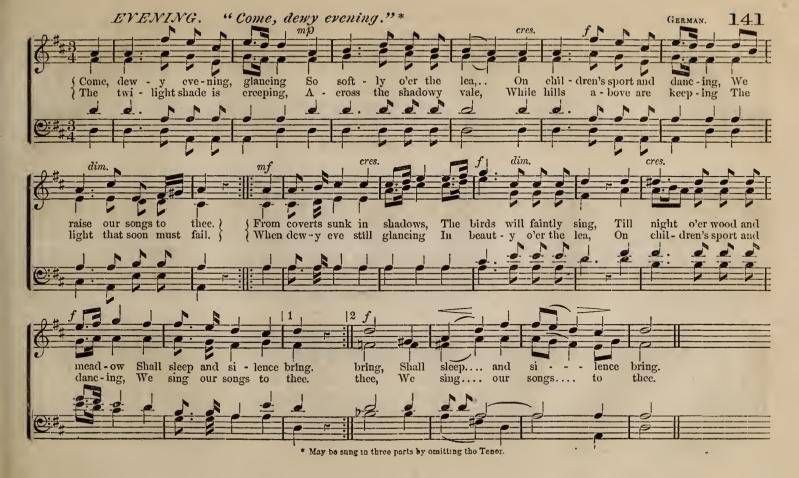
<sup>\*</sup> May be sung in two parts; if so, the Tenor and Base being omitted, the small notes should be sung, so as to make out the full piece without rests; when the four parts are sung the small notes should be emitted, or treated as rests.



\* May be sung in three parts by female voices, omitting the Tenor.



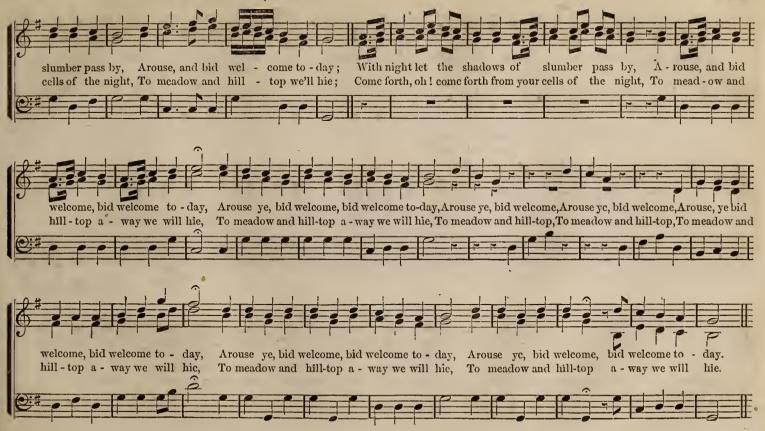
\* May be sung in two or three parts by female voices.







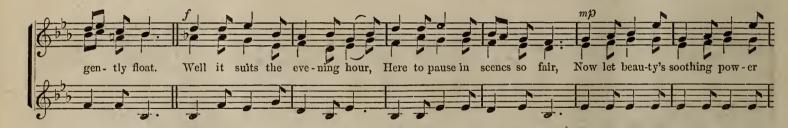










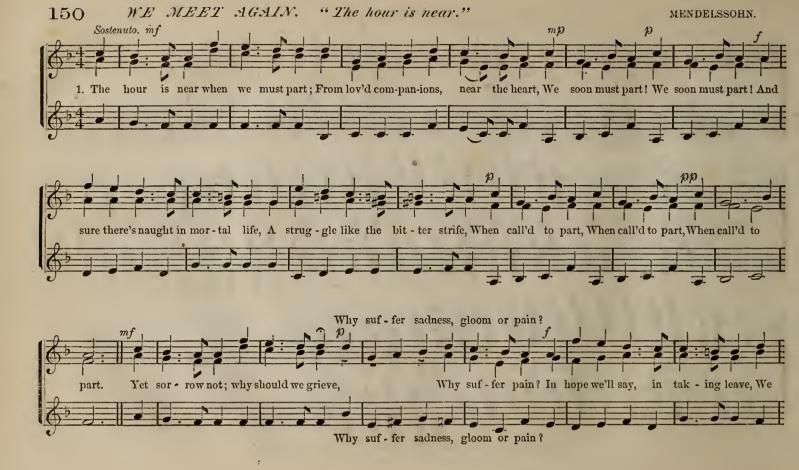




At this hour when all is resting,
 Calm and silence on us steal;
 Hushed is laughter loud and jesting,
 All the soothing influence feel.
 While in songs our voices blending
 With the water soft and low,
 Up the distant mount ascending,
 Wake the echoes as we go.



\* May be sung in two or three parts by omitting the Tenor or Tenor and Base.





FLOWERS. "Farewell! sweet summer flowers." \*

BEETHOVEN. Op. 100. UNALTERED.

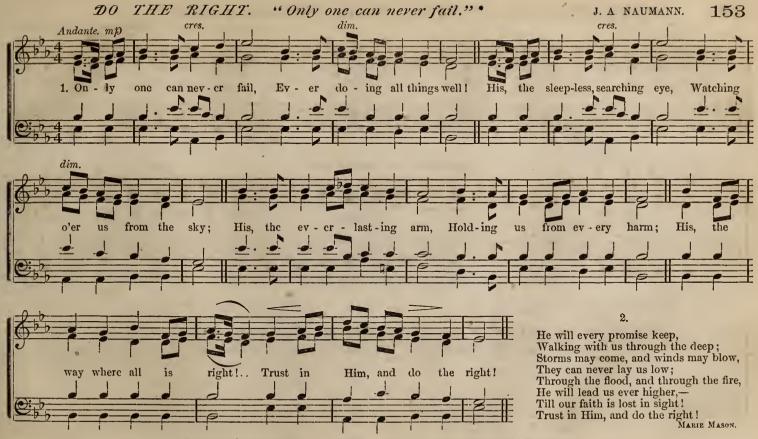




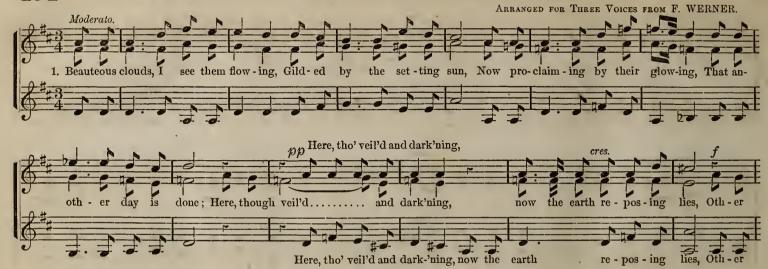
Snmmer days have passed away, Winter holds his ruder sway; All the singing birds have gone Far to warmer regions flown, Lovely flow'rs, so fair, so frail, Winter comes, fare ye well!



<sup>\*</sup> May be sung by female voices in three parts, omitting the Tenor.



<sup>\*</sup> May be sung in two or in three parts by female voices; if in three parts, the Tener should be omitted.





- On the breeze, like zephyr's sighs, From the land of sweet remembrance, Whither oft my heart still hies: Although sweetly sounding, scarcely greet my list'ning ear, They are fraught with sadness, mingling hope and fear.
- 3. Gilded vapors, bear my greeting To the land I call my own; Say my heart for it is beating, Though my youthful days are flown; Childhood's sweetest visions, like the tinted clouds, appear Distant far more lovely now than when so near.

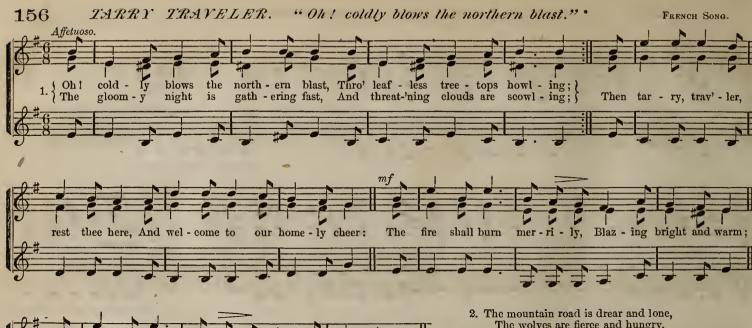








Friendly breezes! freshly blowing,
Swell the sails, and speed my way!
Faster, far, my heart is going,
Than your wildest tempests play.
Ah! the joy once more to meet them,
And no more afar to roam!
Ah! the sweet delight to greet them,
All the dear ones left at home.

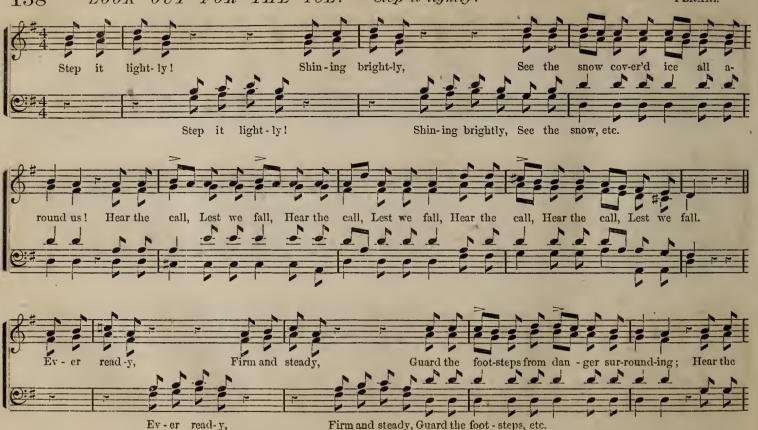


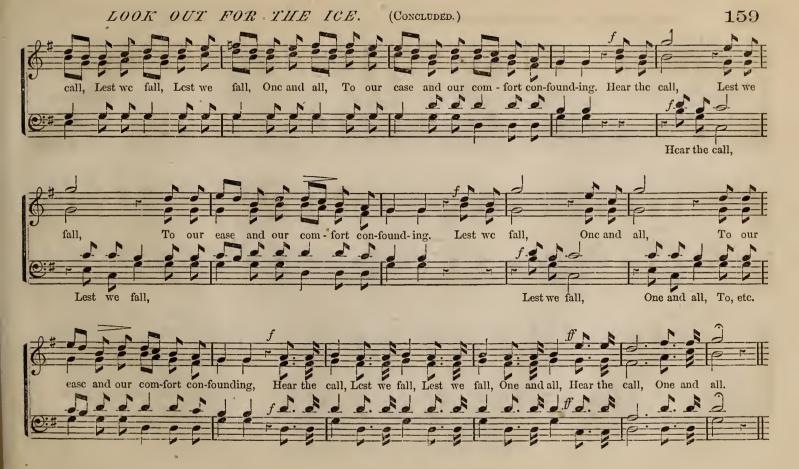
- We'll pass the night cheer-i ly, Care less of the storm.
- 2. The mountain road is drear and lone.
  The wolves are fierce and hungry,
  The light of day will soon be gone,
  The storm become more angry.
  Then tarry, etc.
- 3. No moon shall shine thy way to night,
  Nor stars to cheer and guide thee;
  The wind will blow, the rain will beat,
  Some evil will betide thee.
  Then tarry, etc.

<sup>\*</sup> This tender and beautiful melody is here arranged in three parts for female voices, from "ASAPL"



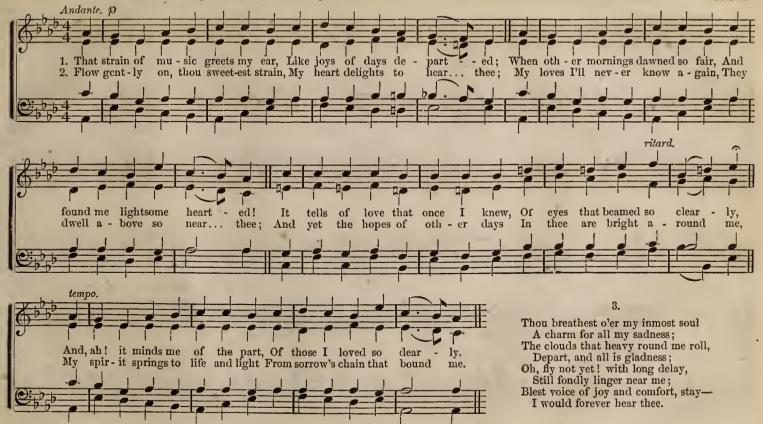








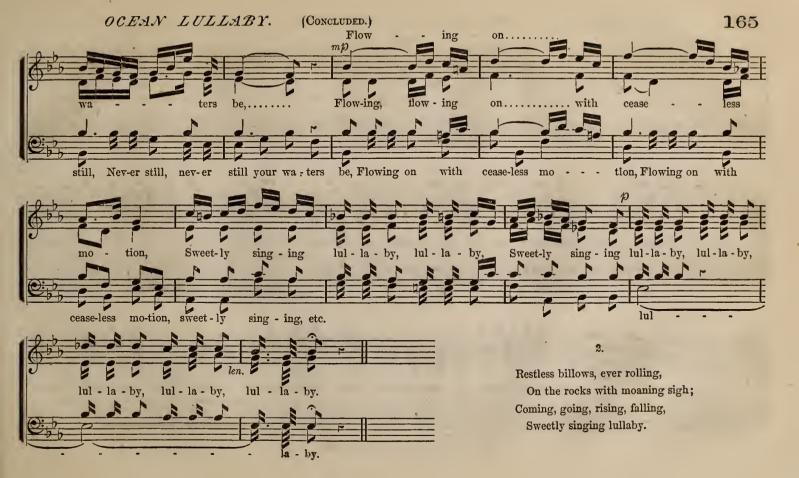
\* May be sung in three parts by female voices, omitting the Tenor.

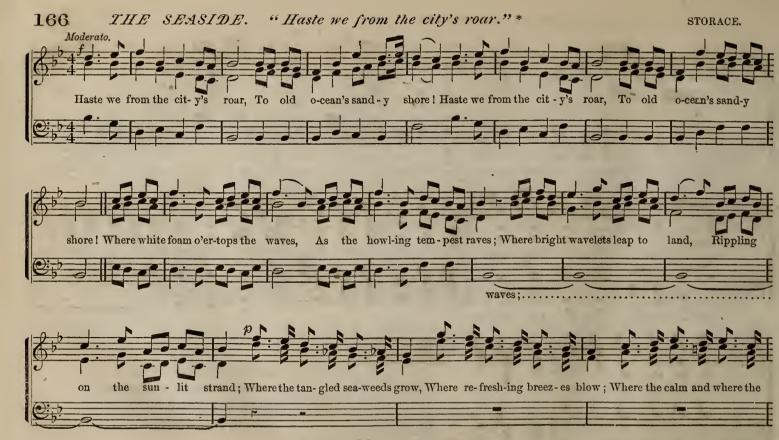


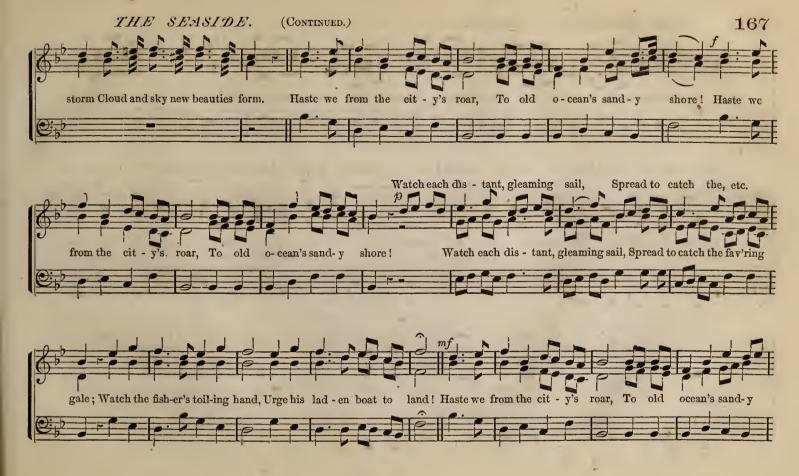






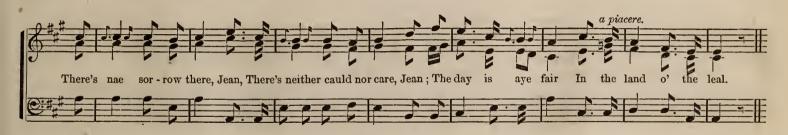










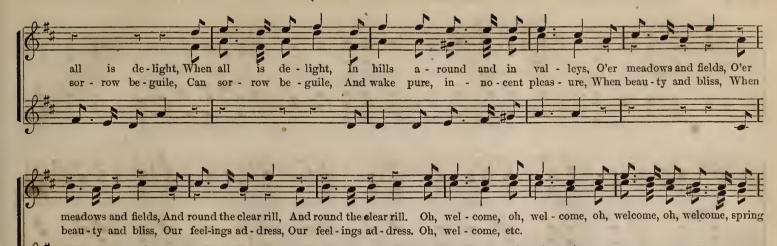


Ye've been leal and true, Jean,
Your task is ended now, Jean;
And I'll welcome you
 To the land o' the leal.
Our bonnie bairn 's there, Jean,
She was baith guid and fair, Jean;
And we grudged her sair
 To the land o' the leal.

3. But sorrow's sel' wears past, Jean,
And joy is comin' fast, Jean,
The joy that's aye to last
In the land o' the leal.
Then dry that tearful e'e, Jean,
My soul langs to be free, Jean;
And angels wait on me
To the land o' the leal.

- 4. Our friends a' are gane, Jean; We've lang been left alane, Jean; We'll a' meet again
  In the land o' the leal.
  Now, fare ye weel, my ain Jean; This warld's care is vain, Jean; We'll meet and aye be fain§
  In the land o' the leal.
- \* A favorite song of Burns, who says: "It has often filled my eyes with tears." He adds, "There is a tradition, which I have met with in many places of Scotland, that it was Robert Bruce's march at the battle of Bannockburn."
  - † The irregularity of the stanzas require, that care be taken to adjust the music to the words, as indicated by small notes.
  - # Land of the leal-the place of the faithful in heaven. Leal-loyal.





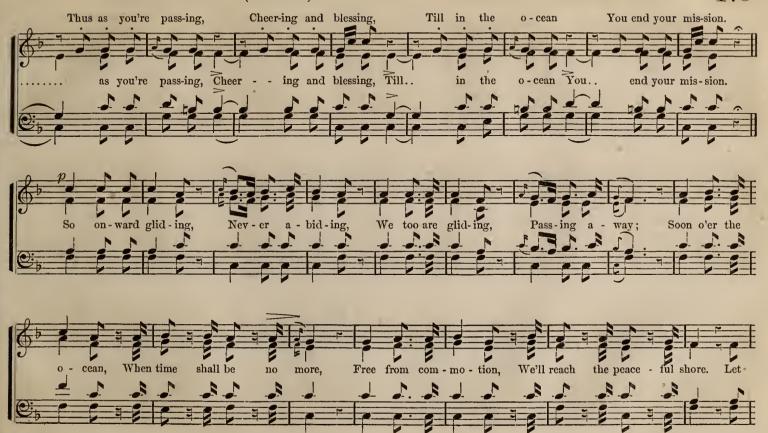


3.

Oh, welcome, spring verdure,
When oft in the grove
So happy I rove,
'Mid song all joyfully flowing;
When all that is seen
Is sparkling with green;
Oh, welcome, spring verdure.

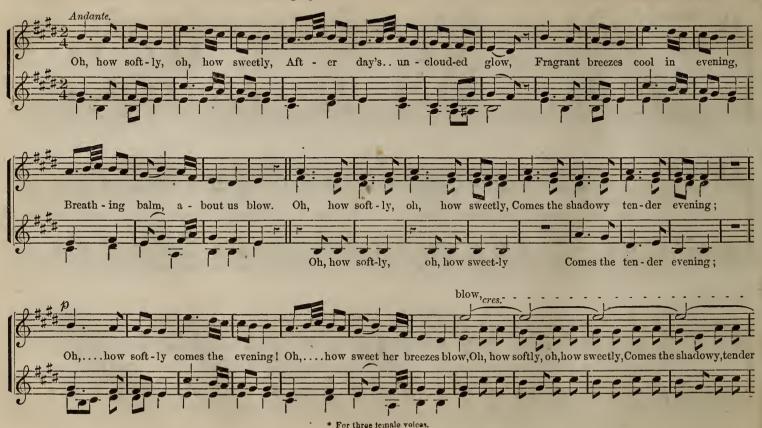
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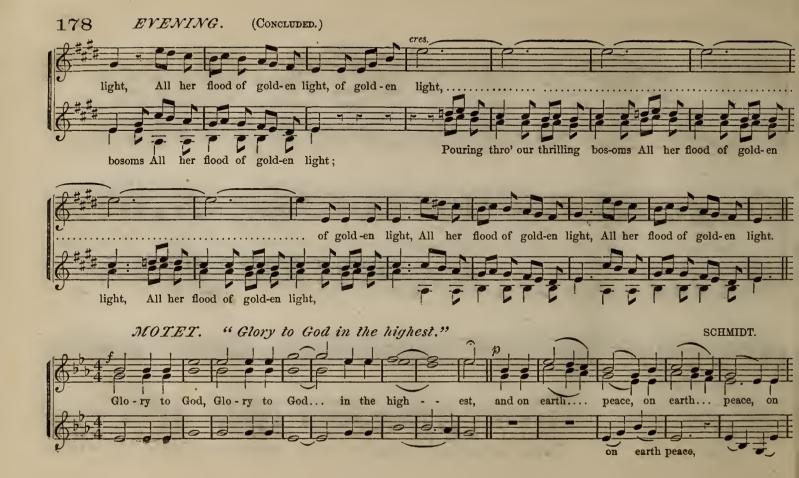


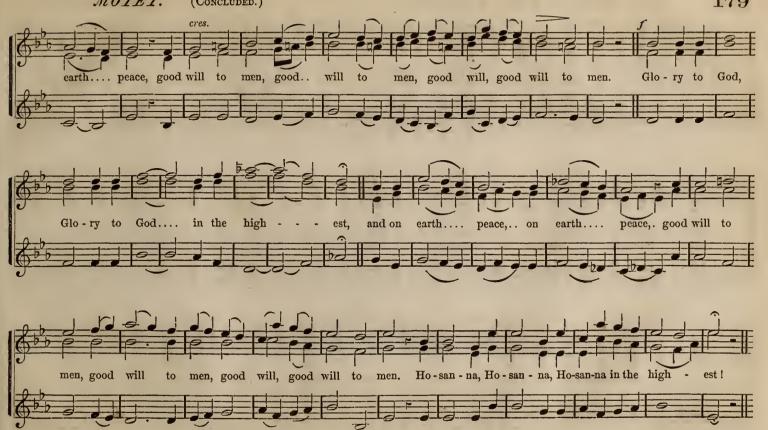


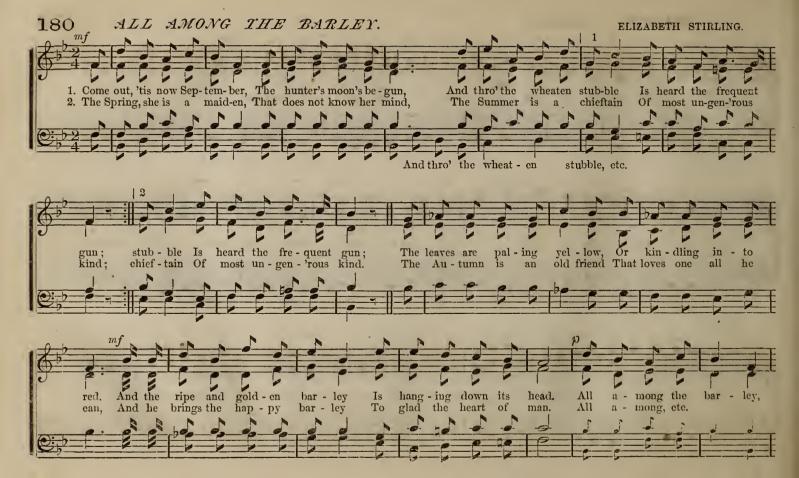


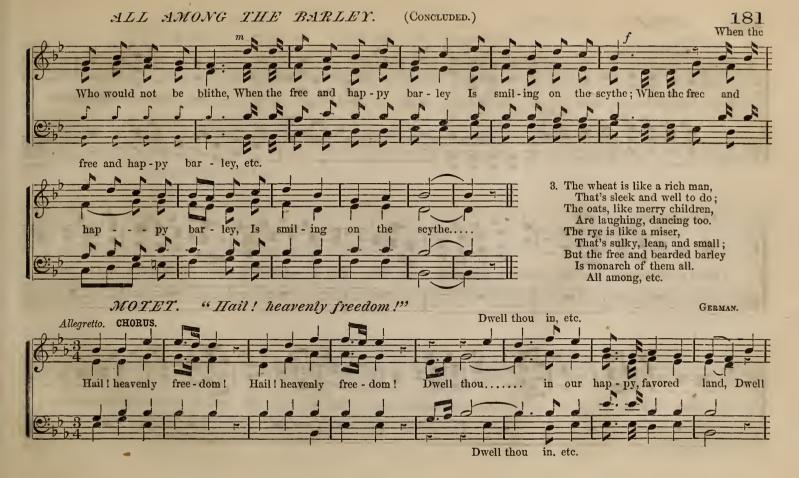




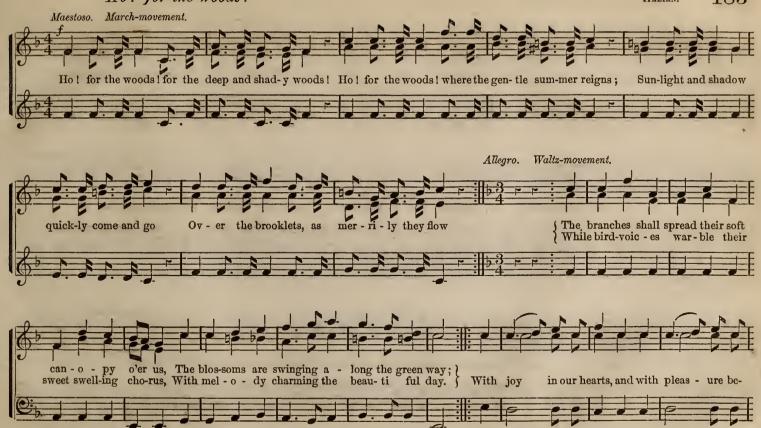


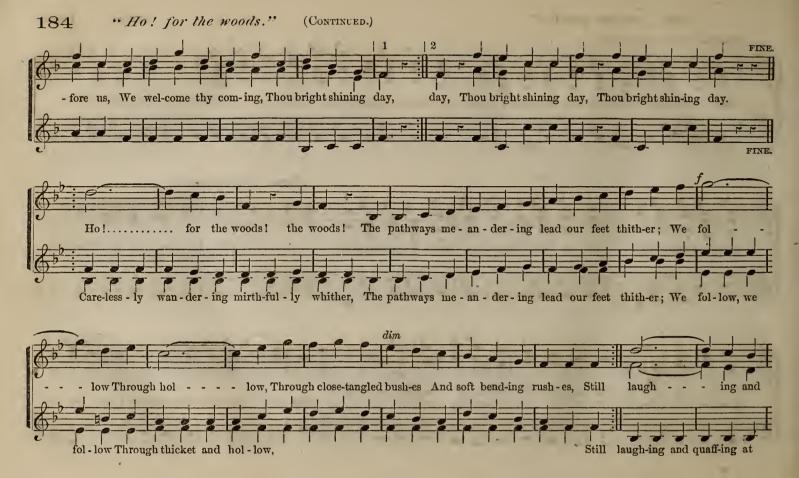


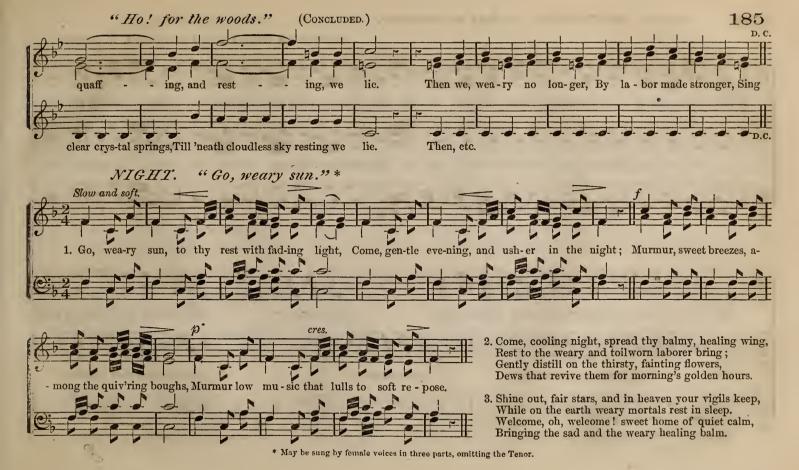




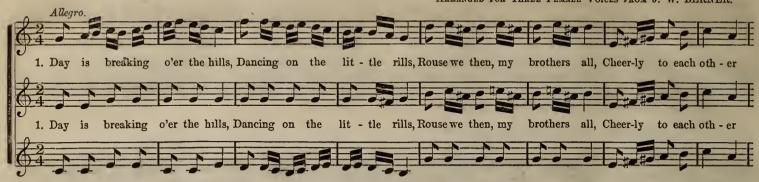








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Welcome back the friendly sun,
He a long night's work has done;
He has been, while we have slept,
Been where many waked and wept.
Good morning, etc.

3. Now the bird forsakes his nest, See his proudly swelling breast; While he gayly soars on high, Singing sweetly through the sky. Good morning, etc. So we sing our morning song,
We have sung it oft and long,
Every morn 'tis fresh and new,
As yon pearly drop of dew.
Good morning, etc.

4. True as the boat

Our hearts too shall float. While wreathed with the blossoms,

Joy visits our bosoms, And we with the tide

Still onward shall glide.



o - ver the bil-lows, So smooth - - - ly you float, O beau - ti - ful boat!

<sup>\*</sup> The fourth line in each stanza is repeated by the Tenor.



From day to

sweet, Here to

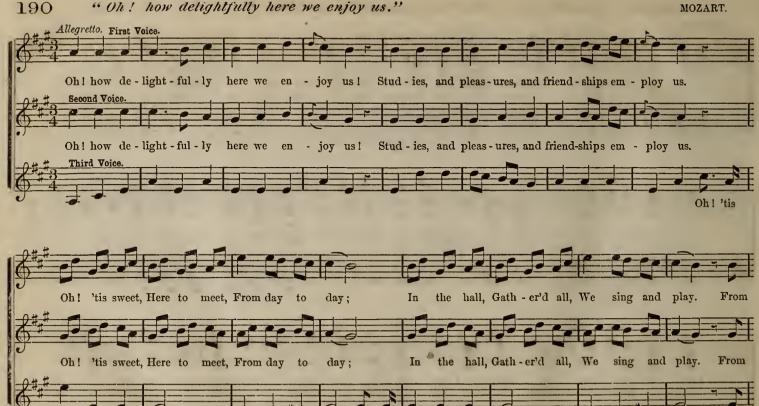
meet.

From

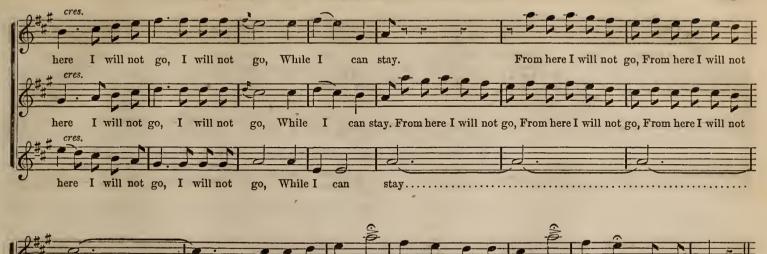
play.

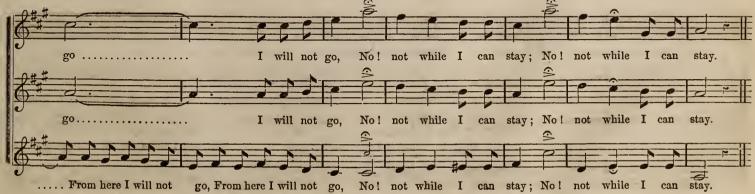
We sing

all,

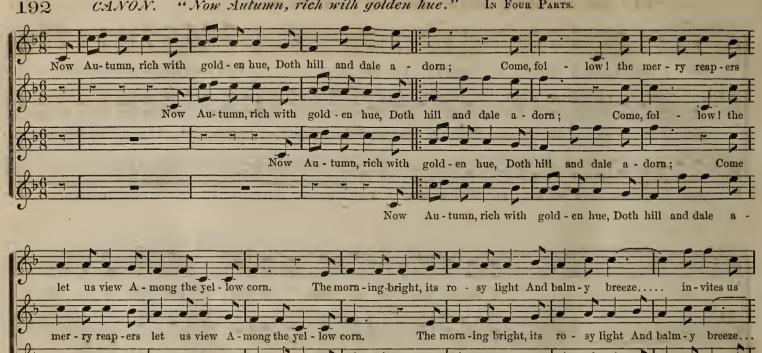


day; In the hall, Gath - er'd



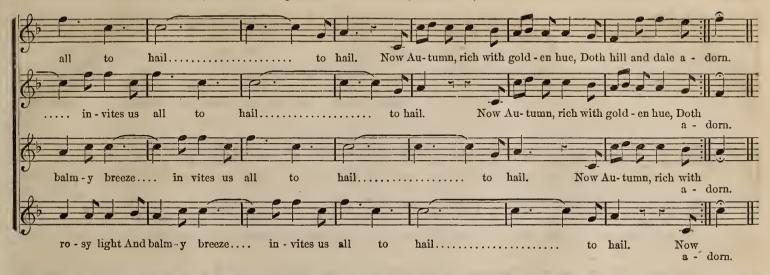


low! the mer - ry reap - ers let us view A - mong the yel - low corn.



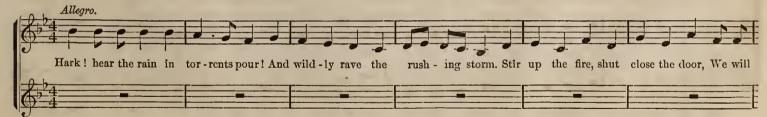
The morn-ing bright, its dorn; Come, fol - low! the mer -ry reap - ers let us view A - mong the yel - low eorn.

The morn - ing bright, its ro - sy light And



## CANON. "Hark! hear the rain in torrents pour."

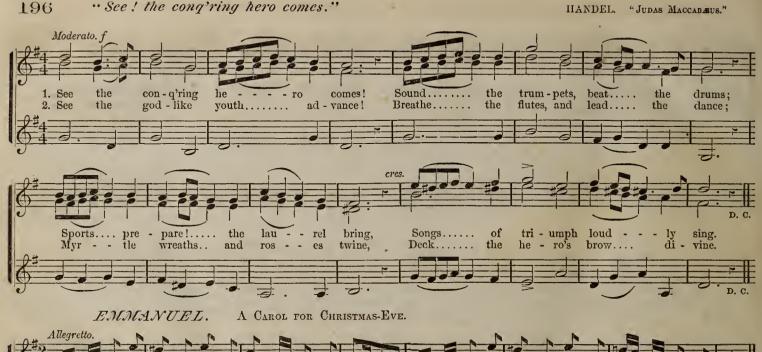
J. L. DUSSEK.



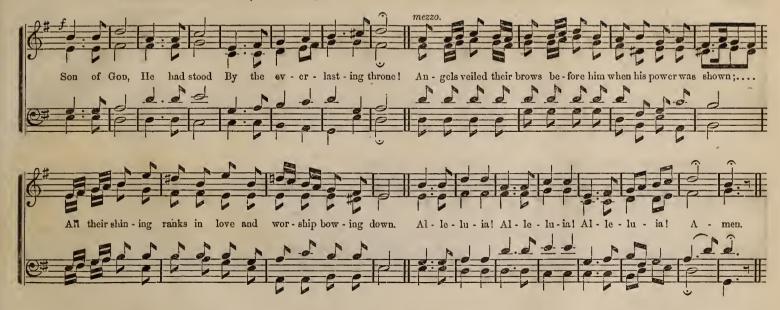
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1. Dark-ness o'er the world was brooding, just be - fore the morn



2.

Now they bend in holy wonder, listening to the strains Sung by Gabriel and his legions o'er the shepherds' plains:

"Fear ye not;

I have brought Tidings of great joy to all.

Unto you is born a Saviour, named EMMANUEL!
All the chains of sin and danger at his coming fell."

3

Sudden voices break the silence into glorious song, As the radiant host of heaven passeth swift along:

"Peace on earth,

By his birth,

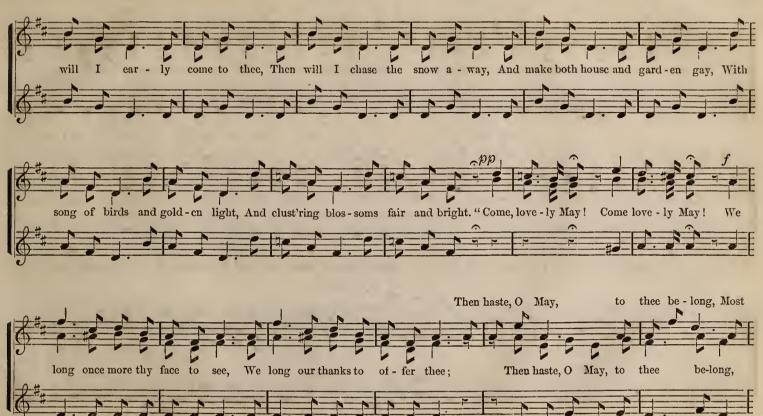
Cometh with good-will to men.

Glory in the highest be to God!" His will be done By the nations from the rising to the setting sun.

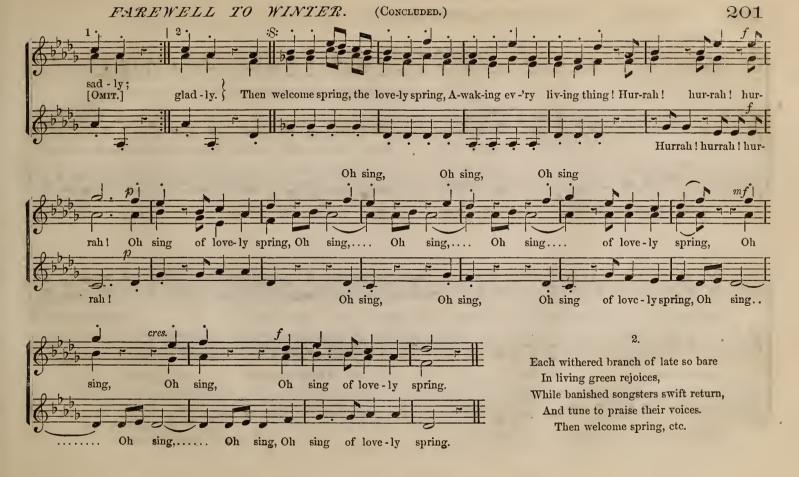
MARIE MASON.

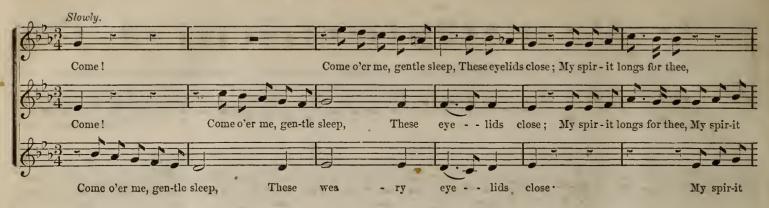




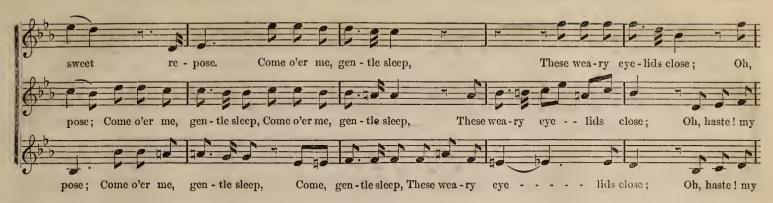




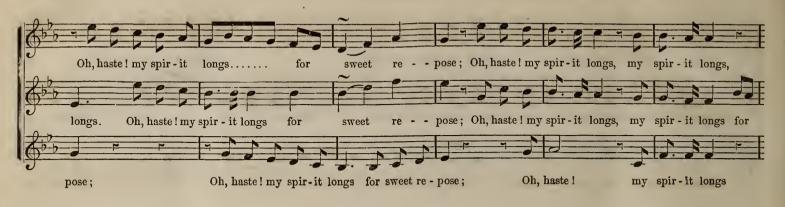






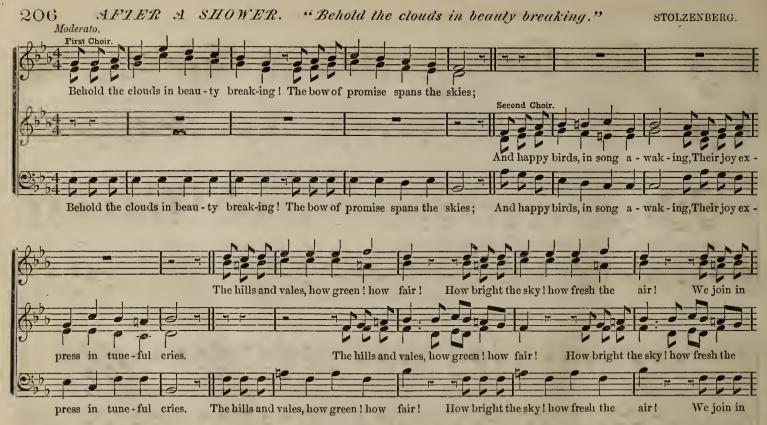




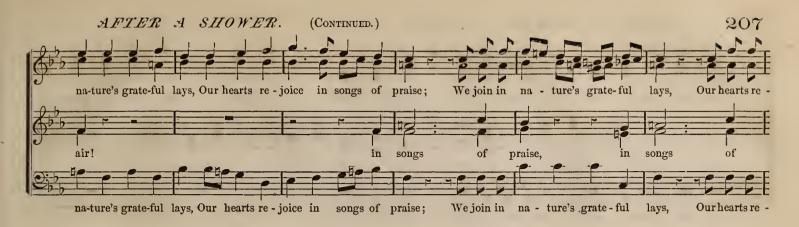


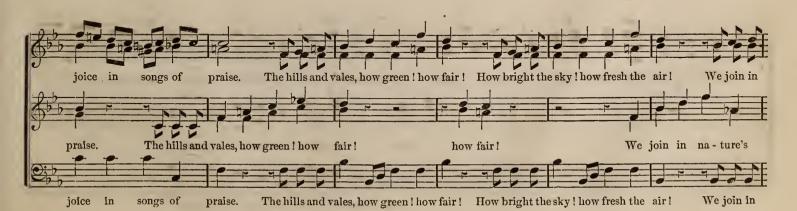






<sup>\*</sup> A double chorus, each in two parts, for women's voices; with a Base, either instrumental or vocal, which may be sung by men's or women's voices, thus making a double chorus, each in three parts.





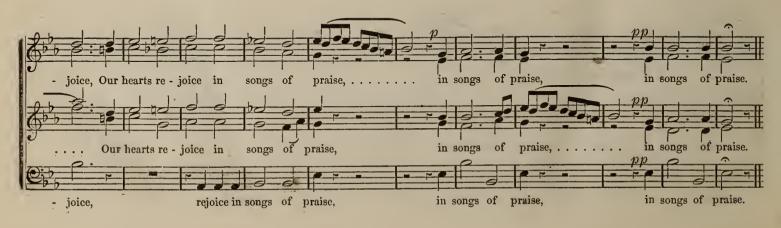












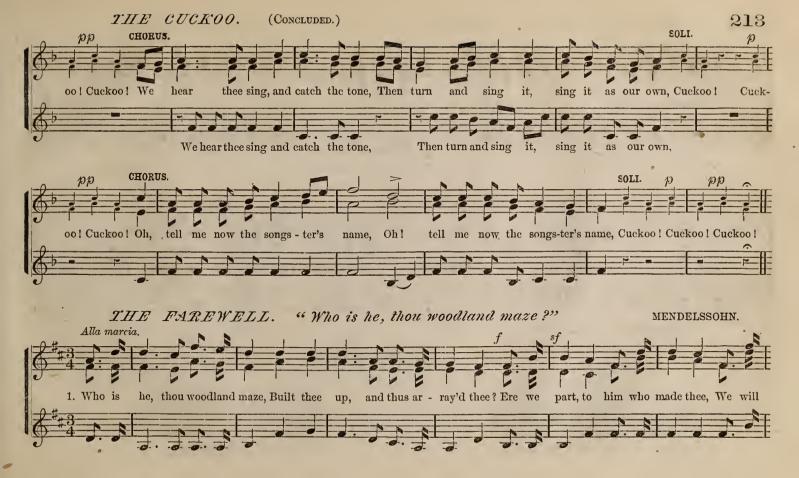


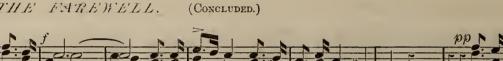
2. Praise the Lord! whose heavenly showers
Fall upon the parehed plain;
Mark the flowers in fullest beauty,
Blest by cool, refreshing rain.

Praise the Lord! though here surrounded
Oft by sorrow, pain, and strife;
Yet, thus purified, we ripen
Surely for eternal life.



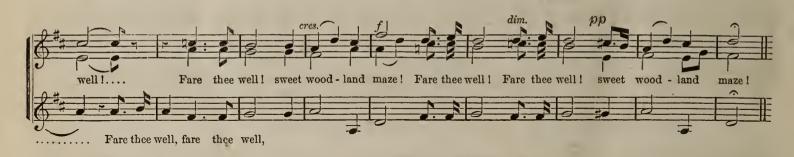
Nore. - In singing this song, it may be well to have three pairs of Cuckoos, a first and second in each pair, and also to have each pair at a distance from the other two.





of - fer songs of praise...... We will of - fer, We will of - fer songs of praise. Fare thee well.... Fare thee

Ere we part to him who made thee. We will of-fer songs of praise. Fare thee well...... Fare thee well.....

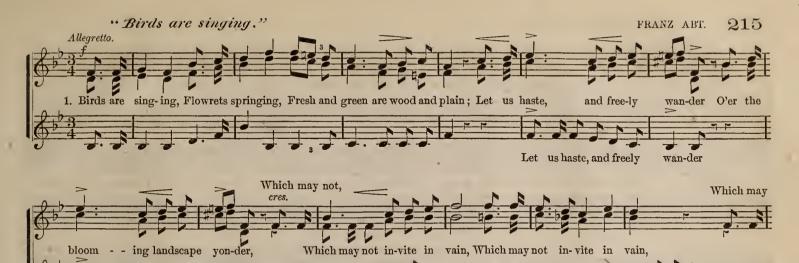


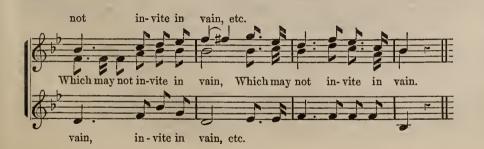
2.

Here, beyond the haunts of men, While the roes are nimbly bounding, Cheerful songs and I: echoes sounding, Praise his name in every glen; : Fare ye well, each wood and glen.

8.

All the vows we pledge to-day, Shall be kept when we are parted, Friends are ever |: constant hearted, Whether near, or far away; :1 Fare ye well, each forest dell.



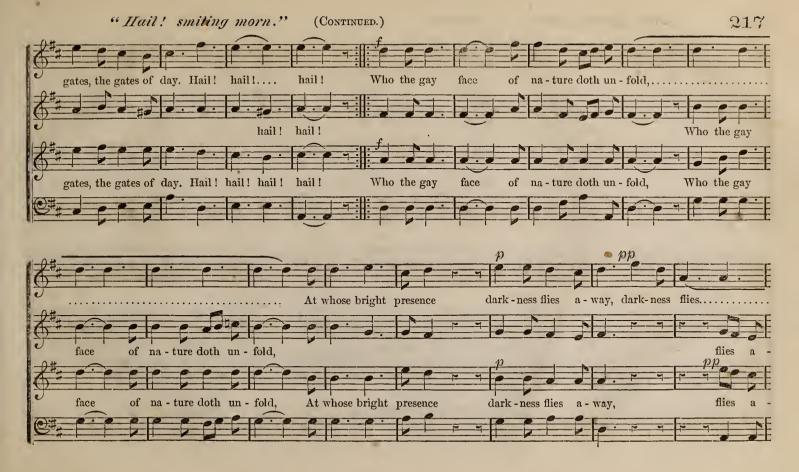


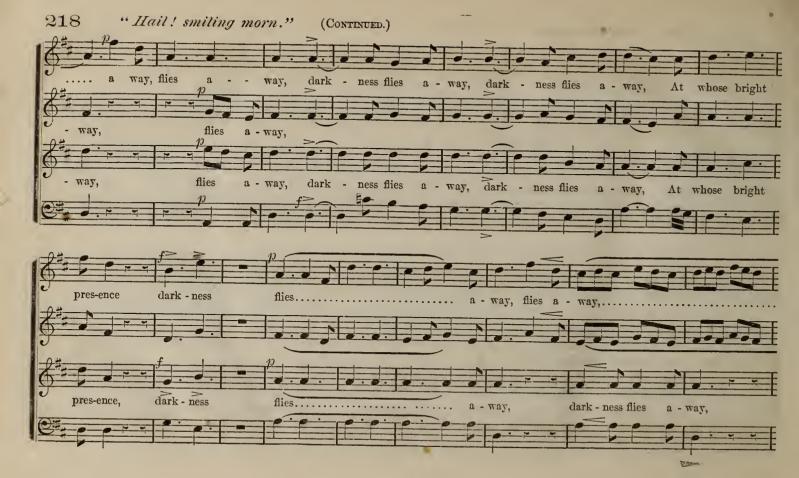
O'er the mountain,
By the fountain,
'Mong the roses newly blown,
Through the verdant sunny meadows,
Through the wood's refreshing shadows,
We will now with gladness roam.

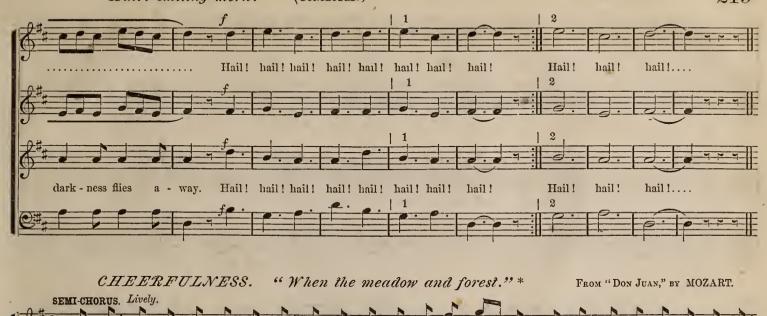
Which may not invite in



\* May be sung in three parts by female voices, by omitting the Tenor. In order thus to adapt it a few slight changes in the subordinate parts have been required.







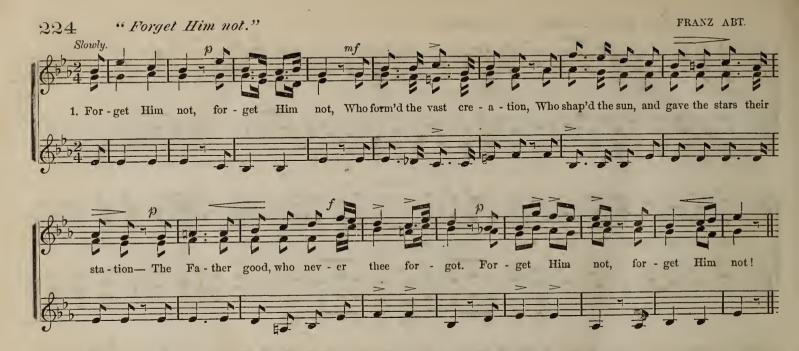
When the mead-ow and for-est, so gay-ly with green leaves ap - pear-ing, When the earth is all ver-dant and

<sup>\*</sup> The passages marked Semi-chorus may be sung by solo voices, if preferred.





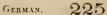


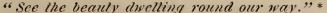


Forget them not, forget them not,
The lov'd and dear departed,
Who leave us here so lone and broken-hearted,
But whom above we hope to meet again.
Forget them not!

3.

Forget it not, forget it not,
That thou art formed for heaven;
But only there the entrance will be given
When pure thy heart and free from every spot.
Forget it not!





Pollaca, Allearetto.











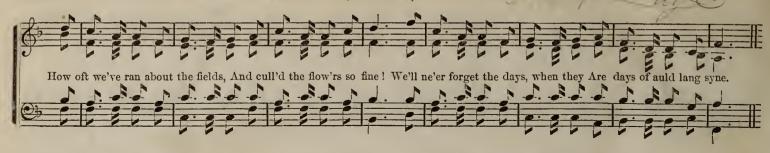
Silent night! mystical night!
Kings and seers sought thy light!
Where the watch of the shepherd is kept,
Heavenly hosts through the stillness have swept,
Clear proclaiming a Saviour born!
Singing the Christmas morn!

3.

Holy night! heralding dawn!
Far and near breaks the morn!
Breaks the day when the Saviour of men,
Bringing pardon and healing again—
Holy, harmless, and undefiled—
Cometh, a little child!

MARIE MASON.





We oft have cheered each other's work,
From morn to day's decline,
And oft shall still the mem'ry rest
On days of auld lang syne.
In distant lands, though we may be,
Across the foamy brine,
Yet shall no future day destroy
The thought of auld lang syne.

3.

Then take the hand that now is warm
Within a hand of thine;
No distant day shall loose the grasp—
The grasp of auld lang syne.
For auld lang syne, for auld lang syne,
Our love shall never cool;
We'll have a fondness while we live
For auld lang syne of school,

#### OLD FRIENDS.

1.

OLD friends shall never be forgot,
Whose love was love sincere,
And still, whatever be their lot,
We'll make them welcome here.
The kindness they have often shown
We long have borne in mind;
And long, we hope, our friends have known
A welcome where to find.

3.

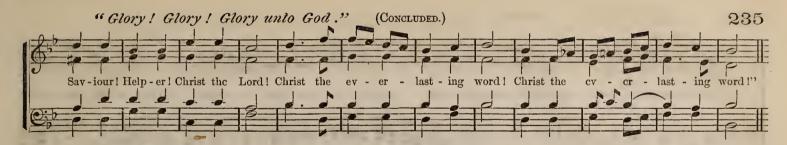
It shall not yet be said with truth
That now our hearts are cold;
The friends who loved us in our youth,
We'll love when they are old.
And if, in ills which we withstand,
They kind assistance need,
We'll stretch them forth a helping hand,
And be a friend indeed.



Oh, morning and youth! how you hasten away! As perfume of flowers, or garlands in May; As whispering zephyrs, or foam on the spray; Oh, youth and the morning, you hasten away! As lengthen the shadows, and dews gather chill, As twilight's last smiles touch the tree-top and hill, Now slowly we turn through the breakers and foam—Ah! sweet is the evening, but sweeter is home.

<sup>\*</sup> May be sung in two or three parts.





As they sing,
Echoes ring
Through the ancient hills of God,
Where eternal winter trod;
Saintly clear,
There we hear:
"Christ is born!
This the morn
Bringing gladness unto all!
He is come, the earth shall call
Saviour! Helper! Christ the Lord!
Christ the everlasting word!"

2. "Glory! Glory! Glory unto God!"

3. "Glory! Glory! Glory unto God!"

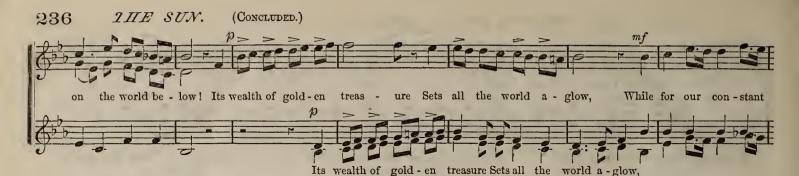
Still they sing—
While they bring
From the western forest's breath,
Echoes hushed in living death;
Till we hear,
Loud and clear;
"Christ is born!
This the morn
Bringing gladness unto all!
He is come, whom we shall call
Saviour! Helper! Christ the Lord!
Christ the everlasting word!"

4. "Glory! Glory! Glory unto God!"

Let us sing
Till we bring
Nations that in darkness die,
Where the Holy Babc doth lie!
Singing clear,
Far and near:
"Christ is born!
This the morn
Bringing gladness unto all!
At His feet the people fall.
Saviour! Helper! Christ the Lord!
Christ the everlasting word!"

MARIE MASON.





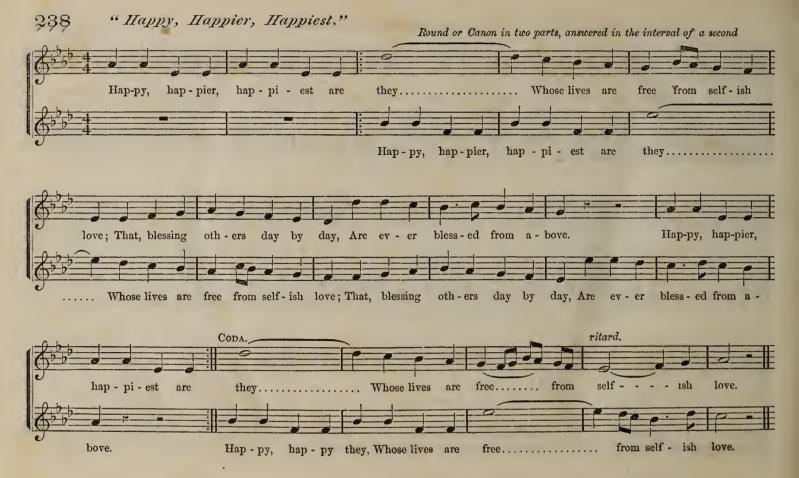


Still ceaselessly thou sendest
 To us thy gifts of old;
 Unsought, unasked, thou spendest
 Thy bounteous warmth of gold.

 Had we, great orb of splendor, But half thy charity,
 Were men to men thus tender, Earth would an Eden be.



EVENING SONG.



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